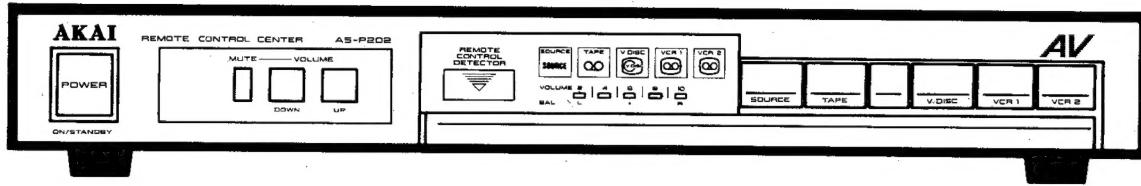
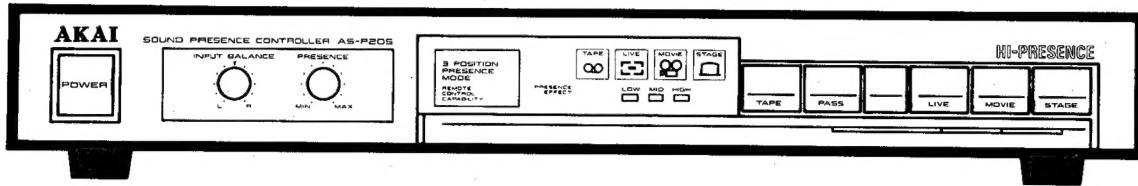


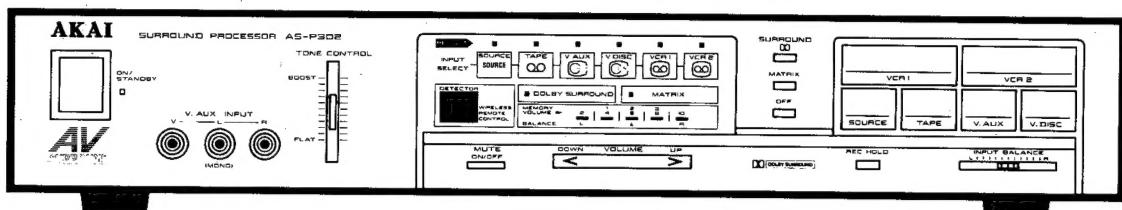
AKAI SERVICE MANUAL



REMOTE CONTROL CENTER
MODEL **AS-P202**



SOUND PRESENCE CONTROLLER
MODEL **AS-P205**

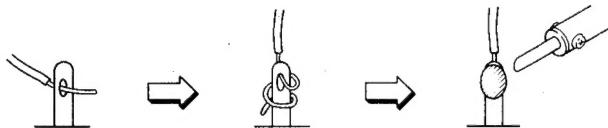


SURROUND PROCESSOR
MODEL **AS-P302**

★SAFETY INSTRUCTIONS

PRECAUTIONS DURING SERVICING

1. Parts identified by the Δ symbol parts are critical for safety. Replace only with parts number specified.
2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with specified replacements. Examples: RF converters, tuner units, antenna selector switches, RF cables, noise blocking capacitors, noise blocking filters, etc.
3. Use specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers (Insulating Barriers)
 - 4) Insulation sheets for transistors
 - 5) Plastic screws for fixing microswitch (especially in turntable)
5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap ends of wires securely about the terminals before soldering.



6. Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.).

7. Check that replaced wires do not contact sharp edged or pointed parts.
8. Also check areas surrounding repaired locations.
9. Use care that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

SAFETY CHECK AFTER SERVICING

Confirm the specified insulation resistance between power cord plug prongs and externally exposed parts of the set is greater than 10 M ohms, but for equipment with external antenna terminals (tuner, receiver, etc.) and is intended for **C** or **A**, specified insulation resistance should be headphone jacks line-in-out jacks etc. more than 2.2 M ohms (ground terminals, microphone jacks).

PRECAUTION FOR THE LITHIUM BATTERY

The LITHIUM BATTERY employed for memory Back up has a explosive probability when the BATTERY itself is excessive heated.

IN CASE OF REPLACING: RESOLDER and SOLDER AS RECOMMENDED WAY.



[DANGER]



[RECOMMENDED WAY]

★INFORMATION

SYMBOLS FOR PRIMARY DESTINATION

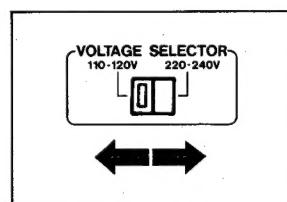
Alphabet indicates the destination of the units as listed below.

| Symbols | Principal Destinations |
|-----------|------------------------|
| A | USA |
| B | UK |
| C | Canada |
| E | Europe (except UK) |
| J | Japan |
| S | Australia |
| V | W. Germany only |
| U | Universal Area |
| Y* | Custom version |

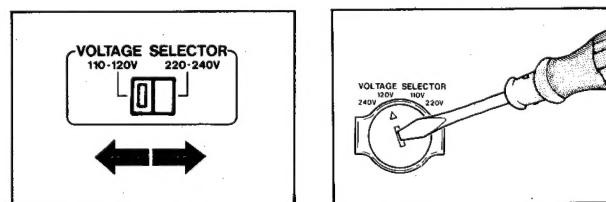
VOLTAGE CONVERSION (**U** Model only)

Before connecting the power cord, move the VOLTAGE SELECTOR located on the Rear panel with a screwdriver so that the correct voltage for your area is indicated.

AS-P202/205 type



AS-P302 type



I. SPECIFICATIONS

1-1. AS-P202/P205

| Model | AS-P202 | AS-P205 |
|--|--|--|
| Input sensitivity/Impedance LINE IN TAPE VCR, V.DISC (Audio) VCR, V.DISC (Video) | 150 mV/47 kohms 150 mV/47 kohms 150 mV/47 kohms 1Vp-p/75 kohms | 150 mV/47 kohms 150 mV/47 kohms |
| Maximum input level | 2.0V | 2.0V |
| Output sensitivity/Impedance LINE OUT TAPE REC VCR (Video) MONITOR OUT (Video) | 150 mV/1 kohms 150 mV/1 kohms 1 Vp-p/75 ohms 1 Vp-p/75 ohms | 150 mV/1 kohms 150 mV/1 kohms |
| Power requirements | 120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110 – 120V/220 – 240V, 50 Hz/60 Hz convertible for other countries. | 120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110 – 120V/220 – 240V, 50 Hz/60 Hz convertible for other countries. |
| Dimensions | 440 (W) x 60 (H) x 225 (D) mm (17.3 x 2.4 x 8.9 inches) | 440 (W) x 60 (H) x 225 (D) mm (17.3 x 2.4 x 8.9 inches) |
| Weight | 2.2 kg (4.9 lbs) | 2.0 kg (4.4 lbs) |
| Wireless remote control unit | RC-P202 | — |
| System | Infrared ray wireless remote control system | |
| Power requirements | DC3V (two UM-3, R6 or AA size equivalent type) | |

* For improvement purposes, specifications and design are subject to change without notice.

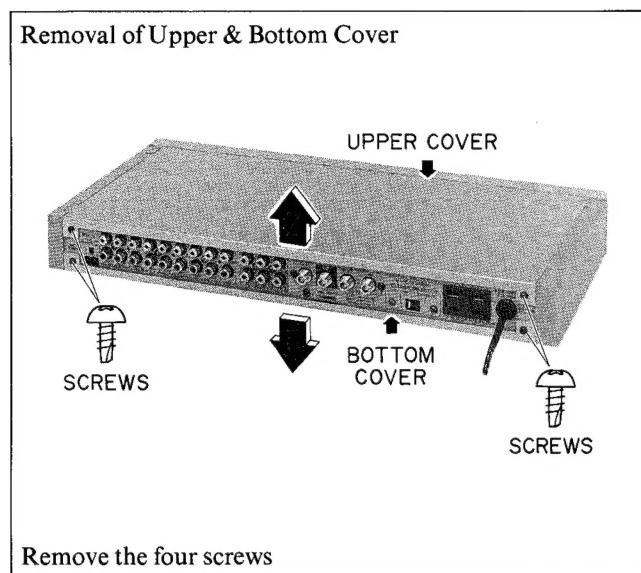
1-2. AS-P302

| Model | AS-P302 |
|--|---|
| Rated 40 Hz to 20 kHz | 25W/0.3%, 8 ohms MATRIX on |
| By FTC 40 Hz to 20 kHz | 25W/0.3%, 8 ohms MATRIX on |
| Power bandwidth (IHF –3dB, 8 ohms) | 30 Hz to 40 kHz/0.5% |
| S/N (IHF-A) | 90 dB |
| Residual noise (8 ohms) | 0.5 mV |
| Channel separation (IHF 1 kHz) | 60 dB |
| Damping factor (1 kHz, 8 ohms) | 20 |
| Required impedance | 8 ohms to 16 ohms |
| Input sensitivity/Impedance SOURCE IN TAPE REC VCR, V.DISC (Audio) VCR, V.DISC (Video) | 150 mV/47 kohms 150 mV/47 kohms 150 mV/47 kohms 1 Vp-p/75 ohms |
| Output sensitivity/Impedance SURROUND OUT TAPE PLAY VCR (Audio) VCR (Video) MONITOR OUT | 150 mV/1 kohms 150 mV/1 kohms 150 mV/1 kohms 1 Vp-p/75 ohms 1 Vp-p/75 ohms |
| Frequency response | 10 Hz to 25 kHz –3dB 50 Hz to 6 kHz –3dB, at Dolby surround on |
| Tone control | +10 dB at 100 Hz |
| Power requirements | 100V, 50/60 Hz for Japan 120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110/120/220/240V, 50/60 Hz convertible for other countries. |
| Dimensions | 440 (W) x 78 (H) x 260 (D) mm (17.3 x 3.1 x 10.2 inches) |
| Weight | 4.9 kg (10.8 lbs) |

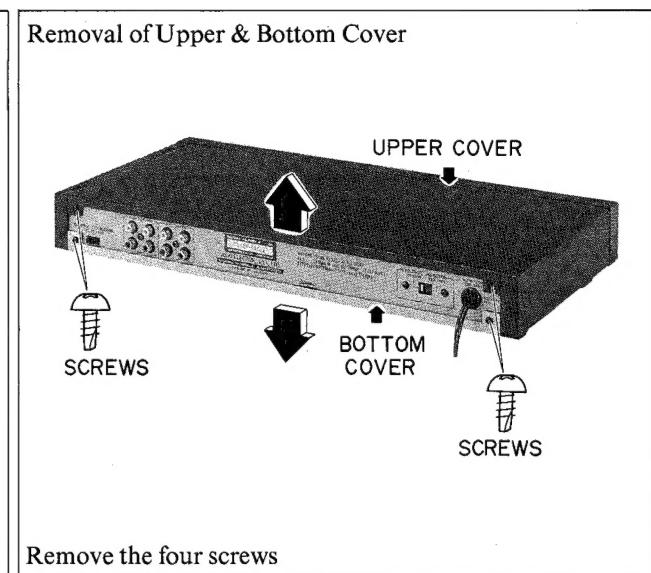
* For improvement purposes, specifications and design are subject to change without notice.

II. DISMANTLING OF UNIT

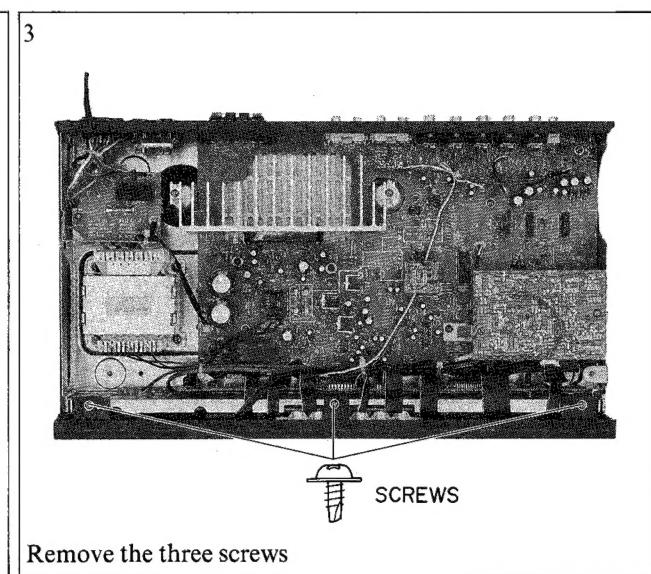
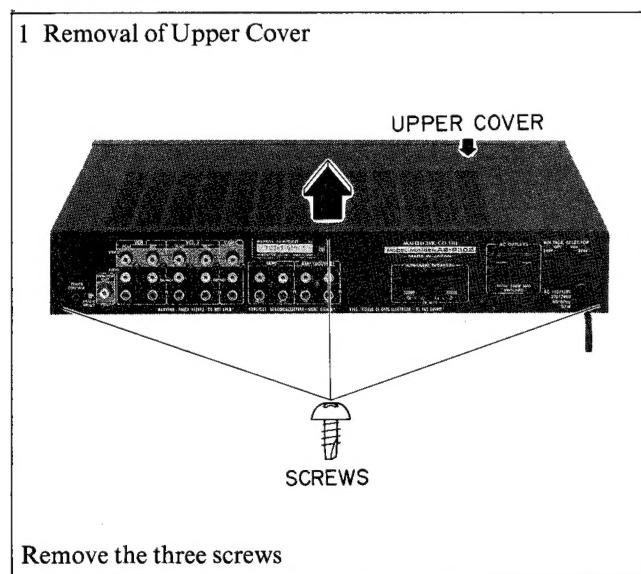
2-1. AS-P202



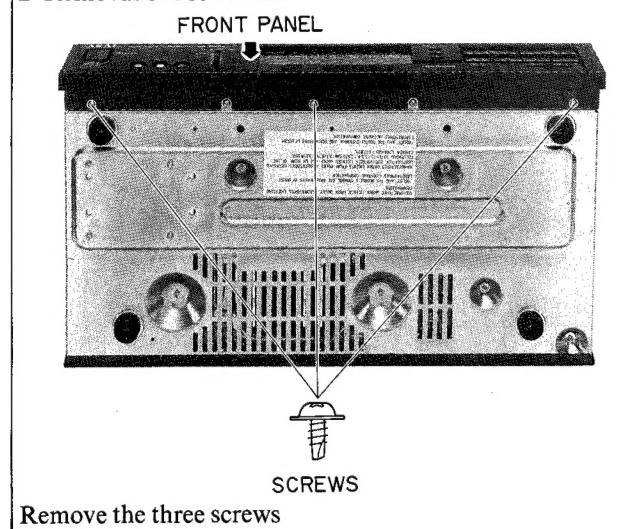
2-2. AS-P205



2-3. AS-P302

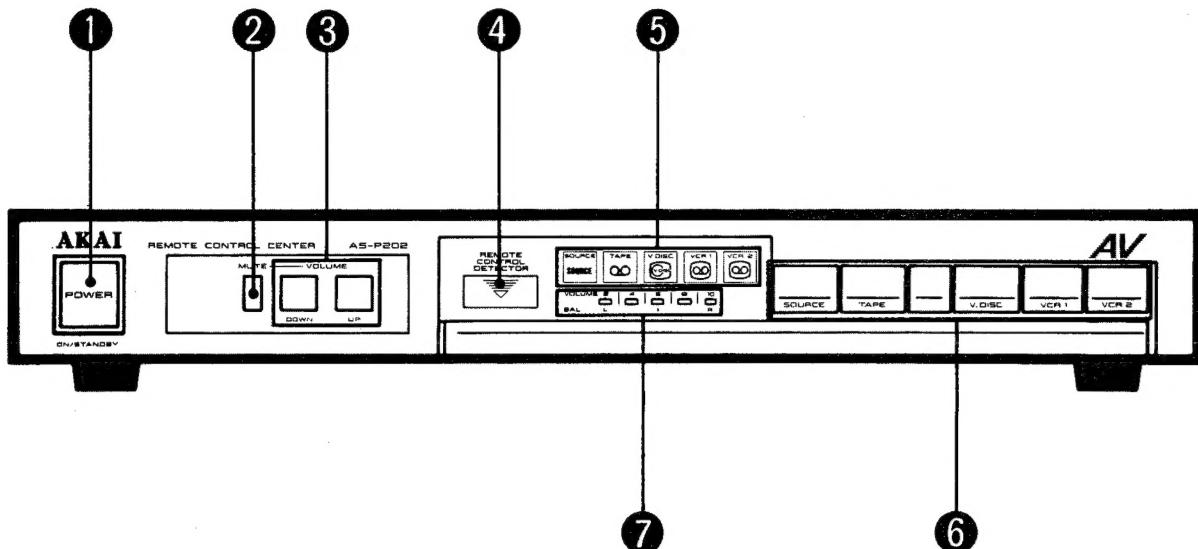


2 Removal of Front Panel



III. CONTROLS

3-1. AS-P202



① POWER switch

To turn on and off the remote control center.

② MUTE button

To instantly reduce the volume to zero.

③ VOLUME UP/DOWN buttons

To increase and decrease volume level for playback purposes.

④ REMOTE CONTROL DETECTOR window

For receiving the remote control signals from the wireless remote control unit.

⑤ Input source displays

Shows which input source is engaged.

⑥ Input select buttons

To select the playback source.

⑦ VOLUME and Balance display

Shows the volume level and volume balance.

CONTROLS ON THE REAR PANEL

● TAPE/PROCESSOR SELECTOR & CONTROL TERMINAL

Set the rear panel TAPE/PROCESSOR (/) selector to PROCESSOR () when connecting the Akai AS-P205 Sound Presence Controller.

If you are not using the Akai AS-P205, set this selector to TAPE () and connect an audio cassette deck to the TAPE/PROCESSOR jacks.

● TUNER CONTROL jack

In order to use the remote control unit to select preset channels with your Akai AT-A102/L Tuner:

Connect the Akai AT-A102/L CONTROL jack to the TUNER CONTROL jack with the standard accessory connection cable.

ATTENTION

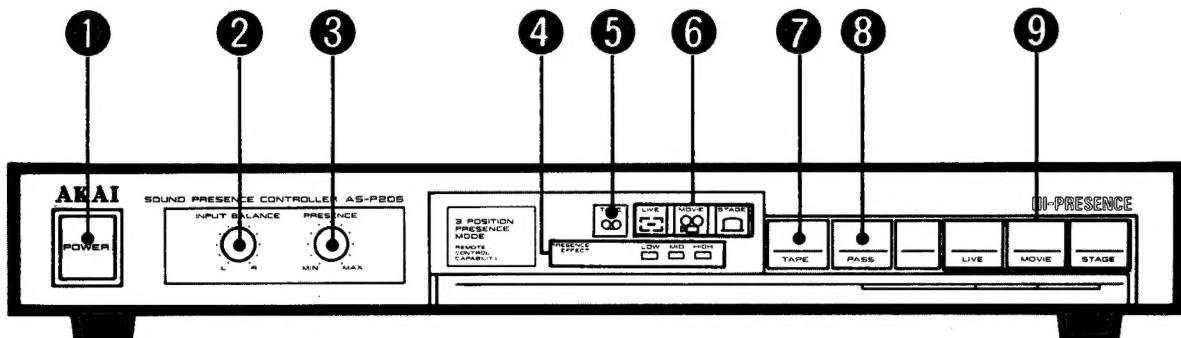
Do not connect any component to this jack other than the Akai AT-A102/L tuner.

● DC CONTROL jack (For European models only)

ATTENTION: This jack is for connection with an optional Akai power control box.

Do not connect any component other than an Akai power control box to this jack.

3-2. AS-P205

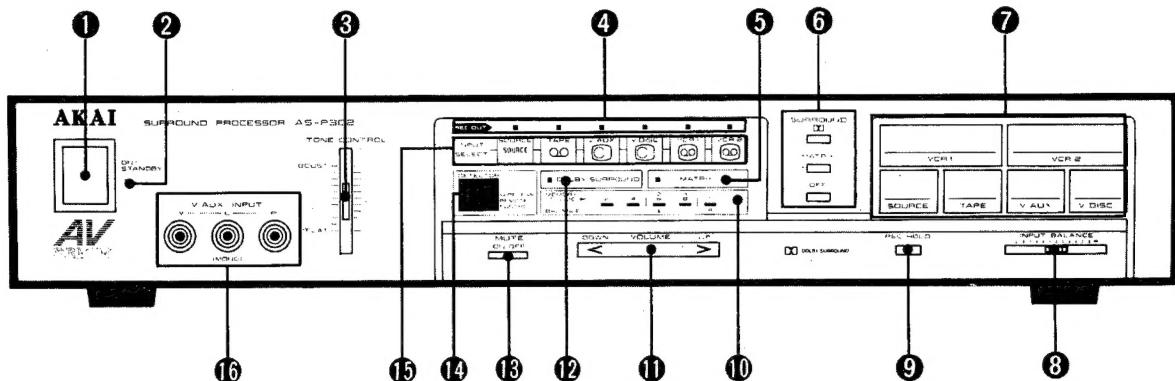


- 1 POWER switch**
To turn on and off the unit.
- 2 INPUT BALANCE control**
To adjust the input signals.
- 3 PRESENCE control**
To adjust the presence effect.
- 4 PRESENCE EFFECT (LOW/MID/HIGH) displays**
Shows PRESENCE EFFECT during the remote control operation of the Akai AS-P202. Normally the HIGH effect display lights.
- 5 TAPE indicator**
Shows the TAPE selector is on.
- 6 Effect mode displays**
Shows which presence mode is engaged.
- 7 TAPE switch**
For tape playback with a connected cassette deck.
- 8 PASS switch**
To turn on and off the presence controller system.
- 9 Effect mode selector (LIVE, MOVIE, STAGE)**
To select the appropriate presence mode according to the playback source.

CONTROL CONNECTOR ON THE REAR PANEL

When used in combination with the Akai AS-P202 Remote control center, the AS-P205's presence effect can be conveniently adjusted with the standard accessory Remote control unit RC-P202.

3-3. AS-P302



① POWER switch

To turn on and off the Akai surround processor.

Note

This unit remains connected to the main power supply when the power switch is turned off. To completely turn OFF the power of the unit, disconnect the power cord from the household AC outlet.

② ON/STANDBY indicator

Tells you the Akai Surround processor is connected to its power supply.

Note

This indicator is not a power indicator, when the power cord is disconnected the indicator will go off.

③ TONE CONTROL (BOOST/FLAT)

To boost the low frequency level for the surround speaker system.

④ REC OUT indicators

Tells you which source can be recorded.

⑤ MATRIX indicator

Tells you the Matrix system is engaged.

⑥ Surround MODE selector (SURROUND, MATRIX, OFF)

To select the surround processor mode.

⑦ Input selectors (VCR1, VCR2, SOURCE, TAPE, V.AUX and V. DISC)

To select the playback source you want to listen to.

⑧ INPUT BALANCE control

To adjust channel balance during **Dolby surround source playback**. Normally set the control to its center click position.

⑨ REC HOLD button

After pressing the input selector for the recording source, press this button.

⑩ MEMORY/VOLUME/BALANCE display

Tells you the volume, channel balance, mute and memory numbers.

⑪ VOLUME UP/DOWN control

To adjust the volume of the total system (Including volume control for the main stereo system and the surround processor.)

⑫ DOLBY SURROUND indicator

Tells you the Dolby surround system is engaged.

⑬ MUTE ON/OFF button

Press to instantly cut the playback volume level. Press again to resume previous volume level.

⑭ DETECTOR window

To receive remote control signal from the remote control unit.

⑮ INPUT SELECT indicators

Tells you which input source can be played back.

⑯ Front Panel V. AUX INPUT jacks (V:Video, L:Left and R:Right)

To use for playback purpose only.

CONTROLS ON THE REAR PANEL

● On the RESET (PUSH) button

When the surround processor does not function properly due to interference from static electricity, press the RESET (PUSH) button.

Afterwards, to use the Akai surround processor, set to the following initial modes before operating:

- Power Turn ON
- VOLUME control -40dB
- Balance control Center
- Front and Real balance Center
- Input selector SOURCE
- REC OUT selector OFF
- MEMORY All cancelled
- Surround mode Off
- Mute Off

How to reset

- 1 Disconnect the power cord plug of the surround processor from its power supply.
- 2 Continuously depress the RESET (PUSH) button or the POWER button and replace the power cord plug into place.

● TUNER CONTROL jack

In order to use the remote control unit to select preset channels with your Akai AT-A102/L Tuner:
Connect the Akai AT-A102/L REMOTE CONTROL jack to the TUNER CONTROL jack with the standard accessory connection cable.

ATTENTION

Do not connect any component to this jack other than the Akai AT-A102/L tuner.

● DC CONTROL jack (For European models only)

ATTENTION: This jack is for connection with an optional Akai power control box.

Do not connect any component other than an Akai power control box to this jack.

IV. PRINCIPAL PARTS LOCATION

4-1. AS-P202

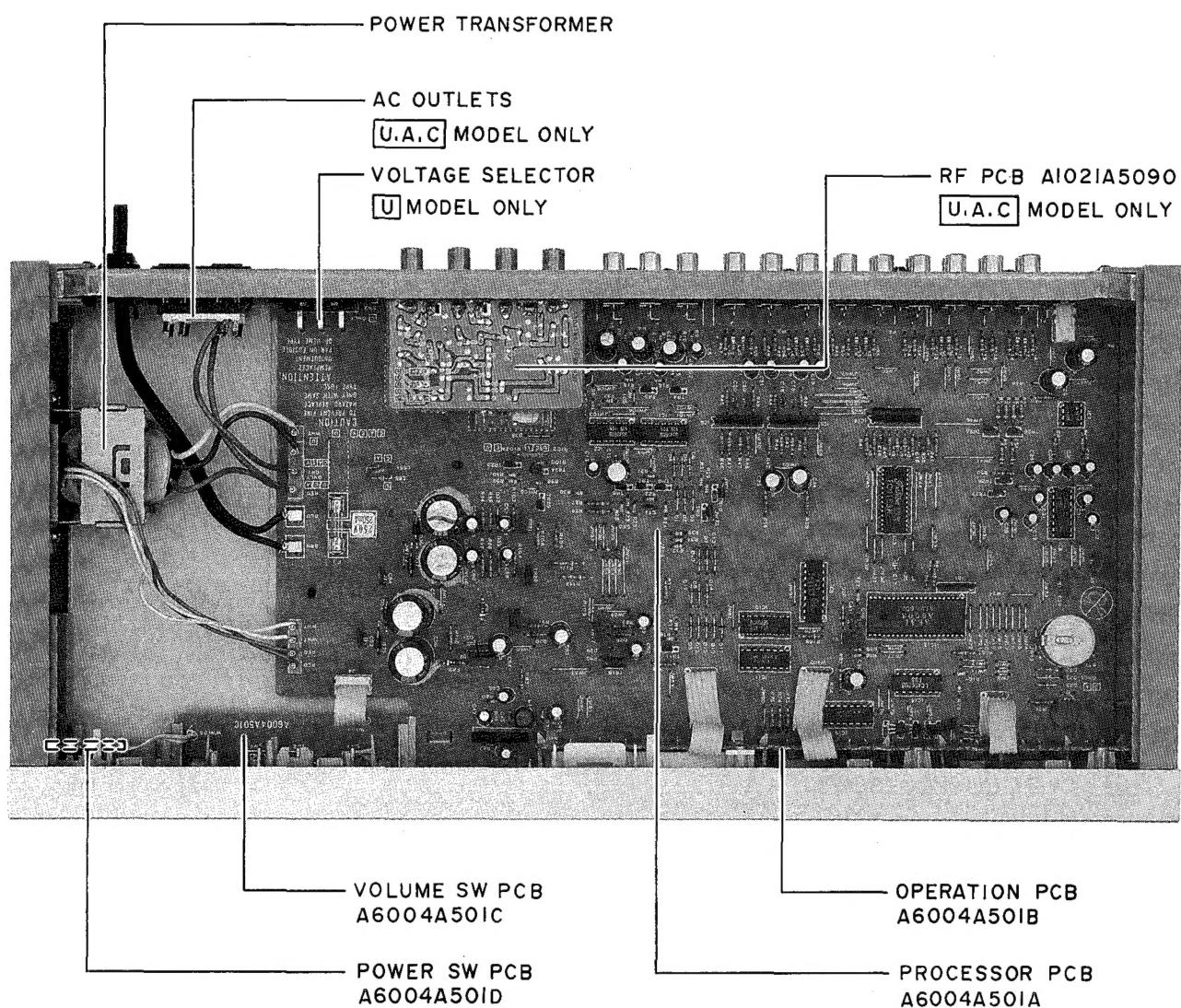


Fig. 4-1

4-2. AS-P205

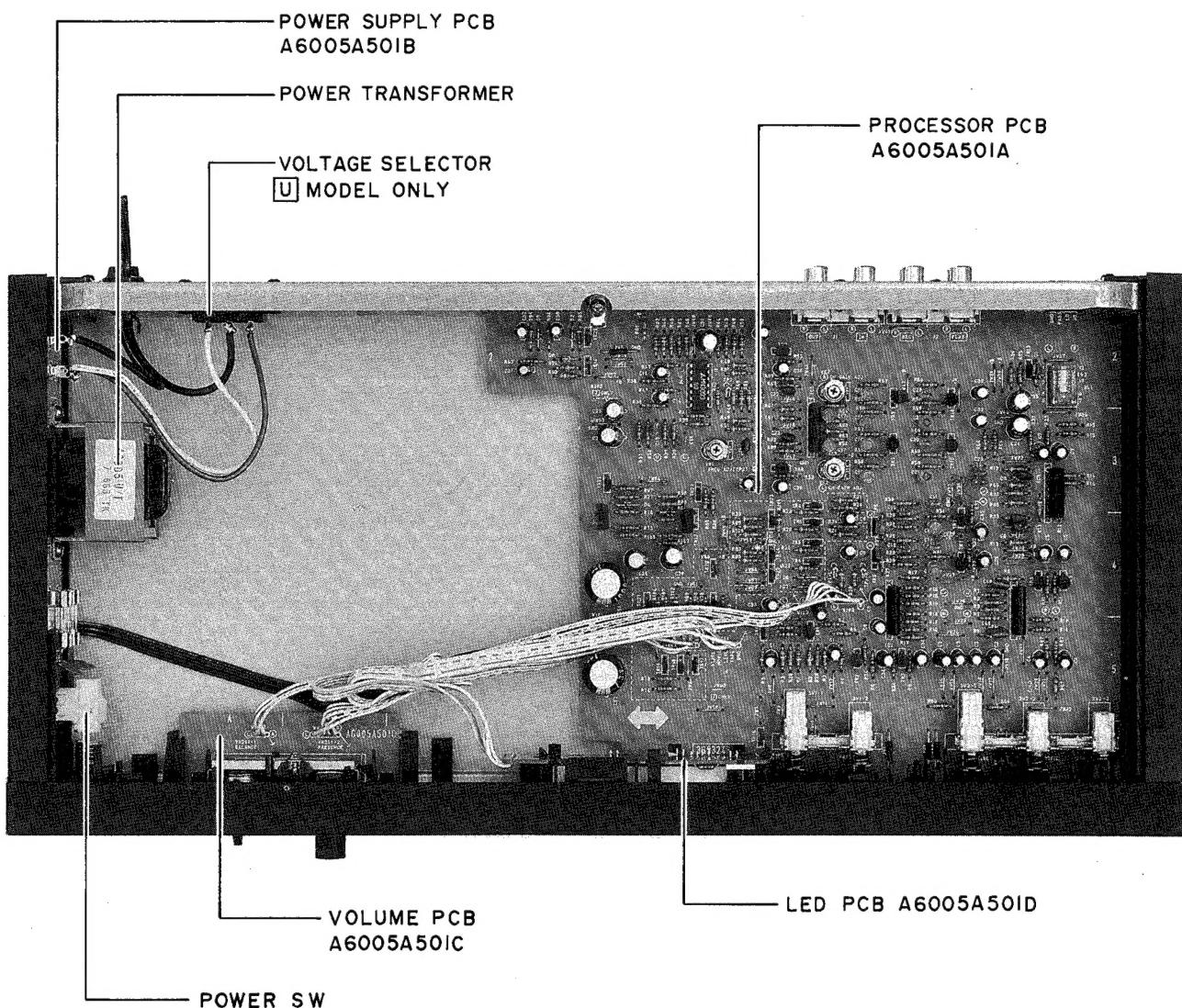


Fig. 4-2

4-3. AS-P302

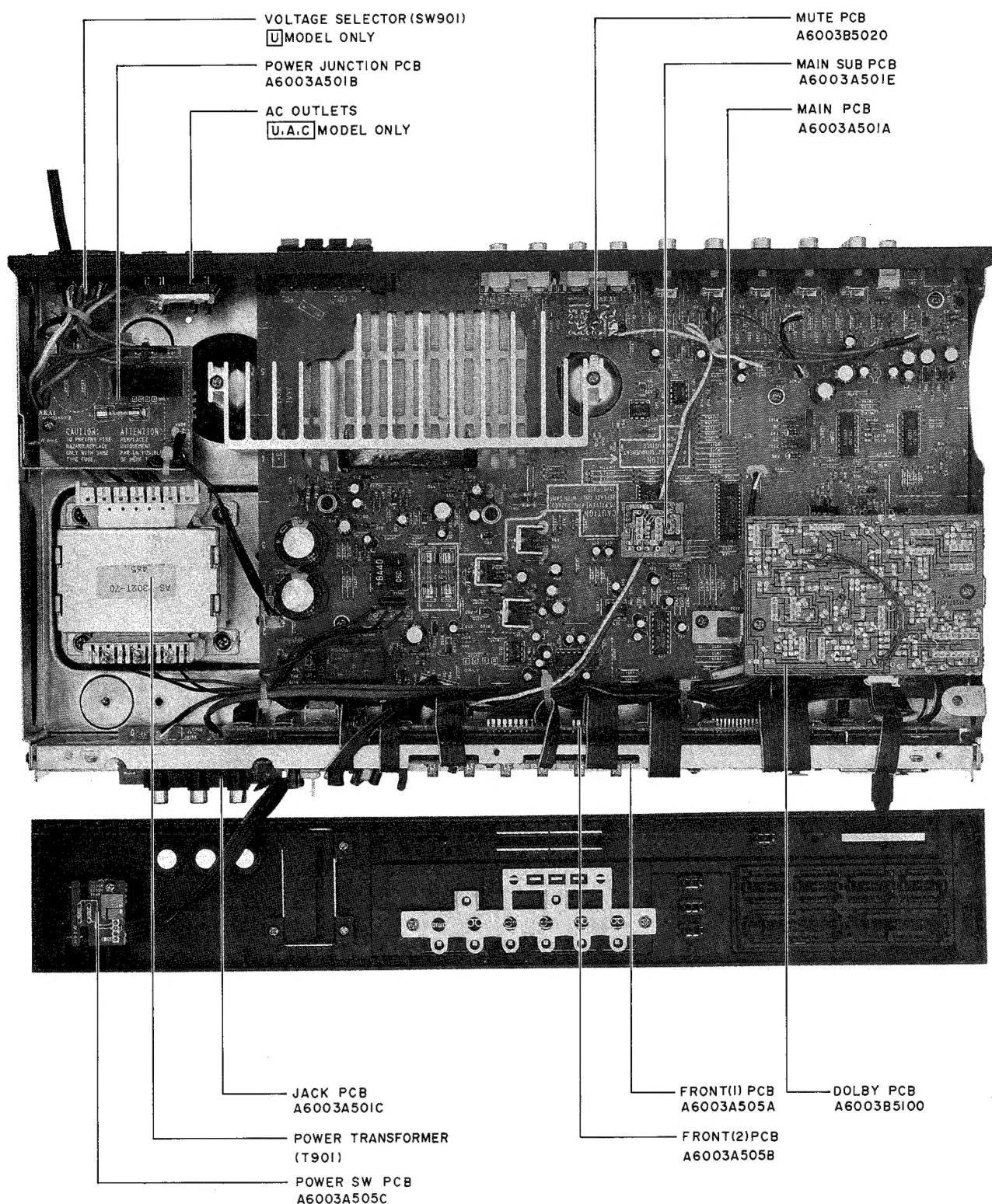


Fig. 4-3

V. ADJUSTMENT

5-1. AS-P202

AS-P202 has not any adjustments.

5-2. AS-P205

| 1 | BBD CLOCK | 2 | BBD GAIN |
|--|-----------|--|----------|
| <ol style="list-style-type: none"> 1. Unit select the STAGE mode. (depress the STAGE button on the Front Panel.) 2. Connect the Frequency counter to TP2. 3. Adjust VR1 so that FRQ. counter reads 128.5 ± 0.2 kHz <p>NOTE: must be adj. within 1 minute after the power on.</p> | | <ol style="list-style-type: none"> 1. Unit select the STAGE mode and unit set the INPUT BALANCE control to center click position, PRESENCE control to maximum position. 2. Input 1 kHz, 0.7V (RMS) sinewave from the oscillator to TP1-L. 3. Connect AC volt meter to LINE OUT and adjust VR2-L so that R-ch level is -3.0 ± 0.2 dB lower than L-ch level. | |

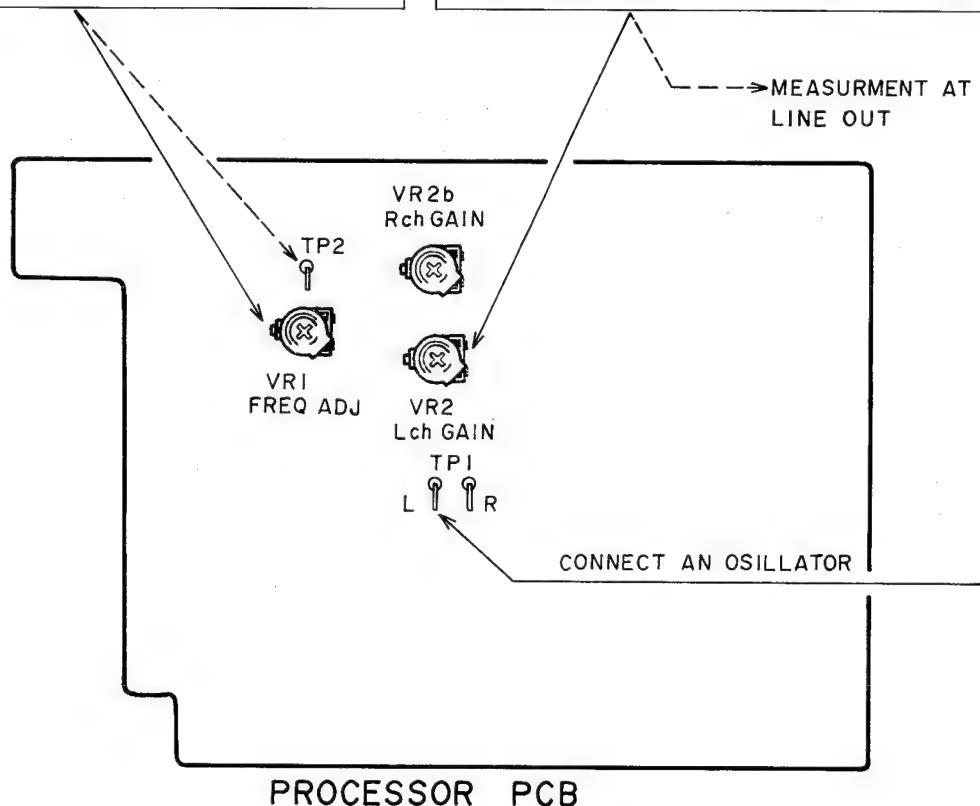
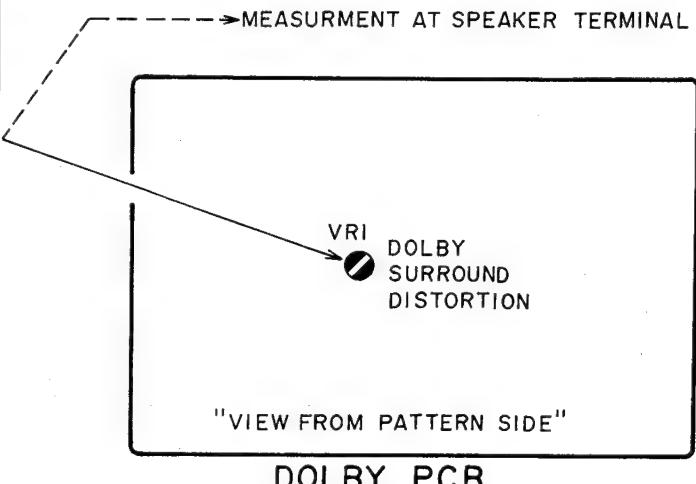


Fig. 5-1

5-3. AS-P302

| 1 | DOLBY SURROUND DISTORTION |
|--|---------------------------|
| <ol style="list-style-type: none"> 1. Input 1 kHz 150 mVp-p sinewave to SOURCE. 2. Select input to SOURCE (depress SOURCE button on the Front Panel) and unit set to maximum output condition (depress the VOLUME UP button to maximum.) 3. Connect an Oscilloscope to Speaker terminal. 4. Adjust VR1 so that output level become maximum. <p></p> | |



SERVICE MANUAL

Fig. 5-2

VI. PARTS LIST

ATTENTION

1. When placing an order for parts, be sure to list Part No., Model No. and the description of each part. Otherwise, the non-delivery of the part or the delivery of a wrong part may result.
2. Please make sure that Part No. is correct when ordering. If not, a part different from the one you ordered may be delivered.
3. Since the parts shown in Parts List of Preliminary Service Manual may have been the subject of changes, please use this Parts List for all future reference.

HOW TO USE THIS PARTS LIST

1. This Parts List lists those parts which are considered necessary for repairs. Other common parts, such as resistors and capacitors, are listed in the "Common List for Service Parts" from which these parts should be selected and stocked.
2. The Recommended Spare Parts List shows those parts in the Parts List which are considered particularly important for service.
3. Parts not shown in the Parts List and "Common List for Service Parts" will not in principle be supplied.
4. How to read the Parts List.

a) Mechanism Block

b) PC Board

2. HEAD BASE BLOCK

| REF. NO. | PART NO. | DESCRIPTION |
|----------|---------------|--------------------|
| 2-1x | BH-T2023A320A | HEAD BASE BLOCK |
| 2-2 | HP-H2206A010A | HEAD R/P PR4-8FU C |
| 2-3 | ZS-477876 | PAN20x03STL CMT |
| 2-4 | ZS-536488 | BID20x08STL CMT |
| 2-5 | ZG-402895 | SP CS ANGLE ADJUST |

SP (Service Parts) Classification

A small "x" indicates that this part is not shown in the Photo or Illustration.

This number corresponds with the individual parts index number in that figure.

This number corresponds with the Figure Number.

6. MAIN PC BOARD

| REF. NO. | PART NO. | DESCRIPTION |
|----------|-----------|------------------------------|
| 6-IC1 | EI-324536 | IC HD14049BP |
| 6-IC2 | EI-336801 | IC MB8841-564M |
| 6-C1A | EC-338399 | C MMY V 223M 250AC [U,E,B,S] |
| 6-C1B | EC-350949 | C MMY V 223M 250DC [J] |
| 6-C1C | EC-338397 | C MMY V 223M 125AC [C,A] |
| 6-X1 | EI-318384 | OSC X'TAL NC-18C |

Symbols for primary destination—

[A]: AAL(U.S.A.) [S]: SAA(Australia)
[B]: BEAB(England) [U]: U/T(Universal Area)
[C]: CSA(Canada) [V]: VDE(W. Germany)
[E]: CEE(Europe) [Y]: Custom Version
[J]: JPN(Japan)

SP (Service Parts) Classification

These reference symbols correspond with component symbols in the Schematic Diagrams.

The available PC Board Blocks are listed separately.

5. When Part No. is known, Parts Index at end of Parts List can be used to locate where that part is shown in Parts List by its Reference No. listed at right of Part No.

WARNING

△ (*) INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS.

AVERTISSEMENT

△ (*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DÉGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

MODEL AS-P202

1. RECOMMENDED SPARE PARTS

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 1 | *BT-369240 | TRANS POWER AS-P202 (B.S) |
| 2 | *BT-369238 | TRANS POWER AS-P202 (C.A) |
| 3 | *BT-369237 | TRANS POWER AS-P202 (U) |
| 4 | ED-562397 | D GERMA H 1S188FM1 |
| 5 | ED-361885 | D LED SLP284C-51U GREEN |
| 6 | ED-714631 | D LED TLN105A |
| 7 | ED-360409 | D PHOT PN323B |
| 8 | ED-718039 | D SILICON DAN201 |
| 9 | ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 10 | ED-301911 | D SILICON H DS448 |
| 11 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 12 | ED-366337 | D SILICON H 1SS241 |
| 13 | ED-306983 | D ZENER H HZ12 C3 |
| 14 | ED-346638 | D ZENER H HZ2FA F10 B3 |
| 15 | ED-300035 | D ZENER H HZ6 B3 |
| 16 | ED-319167 | D ZENER H HZ6 C3 |
| 17 | *EF-360723 | FUSE BET T 100MA 250V [B] |
| 18 | *EF-339902 | FUSE SEMKO T 100MA 250V [E.S] |
| 19 | *EF-321323 | FUSE TSC A 250V 250MA [U] |
| 20 | *EF-315334 | FUSE TSC 125V 250MA [C.A] |
| 21 | EI-370312 | IC A6003 |
| 22 | EI-366037 | IC BU4028B |
| 23 | EI-354401 | IC BU4066B |
| 24 | EI-356370 | IC LA7224 |
| 25 | EI-337013 | IC LB1290 |
| 26 | EI-338171 | IC LC4069UB |
| 27 | EI-337228 | IC M5218L |
| 28 | EI-349719 | IC M5218P |
| 29 | EI-300042 | IC M54519P |
| 30 | EI-366013 | IC TC9163N |
| 31 | EI-351966 | IC TC9176P |
| 32 | EI-749983 | IC UPD1943G |
| 33 | EI-348409 | OSC CE CSB400P 0.4MHZ |
| 34 | EI-710037 | OSC CE CSB455E 455KHZ |
| 35 | *EQ-347611 | RELAY POWER G2R-1112PFD-V 1NO 12V [U.C.A] |
| 36 | *ER-318647 | R FUSE ERD2FC S10 1/4W 4R7J |
| 37 | *ES-349464 | SW SLIDE 00120319 01-2 [U] |
| 38 | ES-359218 | SW PUSH ESB-62951 2-02-02N |
| 39 | ES-359172 | SW TACT SKHHAP |
| 40 | ET-363953 | TR DTA114TS |
| 41 | ET-369248 | TR DTA114YS |
| 42 | ET-364065 | TR DTA144WS |
| 43 | ET-360399 | TR DTC114TS |
| 44 | ET-354414 | TR DTC144ES |
| 45 | ET-348898 | TR FET 2SJ40 C,D,E F05 |
| 46 | ET-308472 | TR 2SA1115 E,F,G F05 |
| 47 | ET-349882 | TR 2SA1283 D,E F05 |
| 48 | ET-366365 | TR 2SB1185 E,F |
| 49 | ET-322598 | TR 2SB632K E,F |
| 50 | ET-308141 | TR 2SC2603 G F05 |
| 51 | ET-366581 | TR 2SD1762 E,F |
| 52 | ET-318603 | TR 2SD545NP F |
| 53 | ET-310148 | TR 2SD612K E,F |

2. P.C BOARD BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|---------------------------------|
| 2-1A | BA-A6004A020A | PC PROCESSOR BLK AS-P202(U) |
| 2-1B | BA-A6004A020B | PC PROCESSOR BLK AS-P202(C.A) |
| 2-1C | BA-A6004A020C | PC PROCESSOR BLK AS-P202(E.B.S) |

PC PROCESSOR BLK CONSISTS OF FOLLOWING P.C BOARD

- * PROCESSOR P.C BOARD
- * OPERATION P.C BOARD
- * VOLUME SW P.C BOARD
- * POWER SW P.C BOARD

3. PROCESSOR P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 3-BT1 | *EZ-358816 | BATTERY LITHIUM BR2032-1HF |
| 3-C55 | EC-316186 | C EC V CUT SM 222M 16.0DC |
| 3-C56 | EC-316186 | C EC V CUT SM 222M 16.0DC |
| 3-C61 | EC-316188 | C EC V CUT SM 102M 25DC |
| 3-C62 | EC-316188 | C EC V CUT SM 102M 25DC |
| 3-C65 | *EC-320548 | C CE V F 103Z 250AC [U] |
| 3-C65A | *EC-338411 | C CE V FZ 103P 400AC [C.A] |
| 3-D1 | ED-301911 | D SILICON H DS448 |
| 3-D2 | ED-301911 | D SILICON H DS448 |
| 3-D3 | ED-301911 | D SILICON H DS448 |
| 3-D4 | ED-301911 | D SILICON H DS448 |
| 3-D5 | ED-301911 | D SILICON H DS448 |
| 3-D6 | ED-301911 | D SILICON H DS448 |
| 3-D7 | ED-301911 | D SILICON H DS448 |
| 3-D8 | ED-301911 | D SILICON H DS448 |
| 3-D9 | ED-301911 | D SILICON H DS448 |
| 3-D10 | ED-301911 | D SILICON H DS448 |
| 3-D11 | ED-301911 | D SILICON H DS448 |
| 3-D12 | ED-301911 | D SILICON H DS448 |
| 3-D13 | ED-301911 | D SILICON H DS448 |
| 3-D14 | ED-301911 | D SILICON H DS448 |
| 3-D15 | ED-301911 | D SILICON H DS448 |
| 3-D16 | ED-301911 | D SILICON H DS448 |
| 3-D17 | ED-301911 | D SILICON H DS448 |
| 3-D22 | ED-562397 | D GERMA H 1S188FM1 |
| 3-D23 | ED-562397 | D GERMA H 1S188FM1 [C.A] |
| 3-D25 | ED-301911 | D SILICON H DS448 |
| 3-D26 | ED-346638 | D ZENER H HZ2FA F10 B3 |
| 3-D27 | ED-360409 | D PHOT PN323B |
| 3-D28 | *ED-300035 | D ZENER H HZ6 B3 |
| 3-D29 | *ED-300035 | D ZENER H HZ6 B3 |
| 3-D30 | *ED-319167 | D ZENER H HZ6 C3 |
| 3-D31 | *ED-319167 | D ZENER H HZ6 C3 |
| 3-D32 | ED-306983 | D ZENER H HZ12 C3 |
| 3-D33 | ED-306983 | D ZENER H HZ12 C3 |
| 3-D34 | *ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 3-D35 | *ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 3-D36 | *ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 3-D37 | *ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 3-D38 | ED-301911 | D SILICON H DS448 |
| 3-FR1 | *ER-318647 | R FUSE ERD2FC S10 1/4W 4R7J |
| 3-FR2 | *ER-318647 | R FUSE ERD2FC S10 1/4W 4R7J |
| 3-IB1 | EH-369247 | COMP R RKC7KBS 104J |
| 3-IC1 | EI-354401 | IC BU4066B |
| 3-IC2 | EI-354401 | IC BU4066B |
| 3-IC3 | EI-366013 | IC TC9163N |
| 3-IC5 | EI-37228 | IC M5218L |
| 3-IC6 | EI-37228 | IC M5218L |
| 3-IC7 | EI-349719 | IC M5218P |
| 3-IC8 | EI-351966 | IC TC9176P |
| 3-IC9 | EI-37013 | IC LB1290 |
| 3-IC10 | EI-366037 | IC BU4028B |
| 3-IC11 | EI-300042 | IC M54519P |
| 3-IC12 | EI-370312 | IC A6003 |
| 3-IC13 | EI-356370 | IC LA7224 |
| 3-IC14 | EI-338171 | IC LC4069UB |
| 3-IC15 | EI-300042 | IC M54519P |
| 3-IC16 | EI-337228 | IC M5218L |
| 3-J2 | EJ-369321 | PLUG CONNECTOR S4B-XH-A BLACK 4P |
| 3-J3 | EJ-356651 | PHONE J HJS1011-01-510 |
| 3-J8 | *EJ-36021 | SOCKET INLET X-G9242#02 2P [E.B.S] |
| 3-L1 | EO-330719 | COIL FIX 1 187LY-103K 103K |
| 3-P1 | EJ-366329 | PIN J T5813 P 6P |
| 3-P2 | EJ-370283 | PIN J T6181-AEBA P 6P |
| 3-P3 | EJ-366331 | PIN J T6127-AABA W/SWP 6P |
| 3-P4 | EJ-369243 | PIN J T6161-AABA P 6P |
| 3-RL1 | *EQ-347611 | RELAY POWER G2R-1112PFD-V 1NO 12V [U.C.A] |
| 3-R102 | *ER-359268 | R OMF H S12 FS 1W 181J [U.C.A] |
| 3-R102A | *ER-356747 | R OMF H S15 FS 1W 820J [E.B.S] |
| 3-R109 | *ER-333352 | R CB H S10 FS RDS 1/4W 6R8J |

5. OPERATION P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|----------------------------------|
| 3-R110 | *ER-333352 | R CB H S10 FS RDS 1/4W 6R8J |
| 3-R111 | *ER-302241 | R CB H S10 FS RDS 1/4W 4R7J |
| 3-R112 | *ER-302241 | R CB H S10 FS RDS 1/4W 4R7J |
| 3-SW1 | ES-359218 | SW PUSH ESB-62951 2-02-02N |
| 3-SW3 | *ES-349464 | SW SLIDE 00120319 01-2 [U] |
| 3-TR1 | ET-360399 | TR DTC114TS [U,C,A] |
| 3-TR2 | ET-360399 | TR DTC114TS [U,C,A] |
| 3-TR3 | ET-360399 | TR DTC114TS [U,C,A] |
| 3-TR4 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR5 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR6 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR7 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR8 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR9 | ET-360399 | TR DTC114TS |
| 3-TR10 | ET-360399 | TR DTC114TS |
| 3-TR11 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR12 | ET-369248 | TR DTA114YS |
| 3-TR13 | ET-369248 | TR DTA114YS |
| 3-TR14 | ET-369248 | TR DTA114YS |
| 3-TR15 | ET-369248 | TR DTA114YS |
| 3-TR16 | ET-369248 | TR DTA114YS |
| 3-TR17 | *ET-366581 | TR 2SD1762 E,F |
| 3-TR18 | *ET-366365 | TR 2SB1185 E,F |
| 3-TR19 | *ET-366581 | TR 2SD1762 E,F |
| 3-TR20 | *ET-366365 | TR 2SB1185 E,F |
| 3-TR21 | *ET-310148 | TR 2SD612K E,F |
| 3-TR22 | *ET-322598 | TR 2SB632K E,F |
| 3-TR23 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR24 | ET-349882 | TR 2SA1283 D,E F05 |
| 3-TR25 | ET-308472 | TR 2SA1115 E,F,G F05 |
| 3-TR26 | ET-348898 | TR FET 2SJ40 C,D,E F05 |
| 3-TR27 | ET-354414 | TR DTC144ES |
| 3-TR28 | ET-364065 | TR DTA144WS |
| 3-X1 | EI-348409 | OSC CE CSB400P 0.4MHZ |
| 3-F1A | *EF-321323 | FUSE TSC A 250V 250MA [U] |
| 3-F1B | *EF-315334 | FUSE TSC 125V 250MA [C,A] |
| 3-F1C | *EF-339902 | FUSE SEMKO T 100MA 250V [E,S] |
| 3-F1D | *EF-360723 | FUSE BET T 100MA 250V [B] |

4. RF P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|----------------------------|
| 4-D1 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D2 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D3 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D4 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D5 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D6 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 4-D7 | ED-366337 | D SILICON H 1SS241 |
| 4-D8 | ED-366337 | D SILICON H 1SS241 |
| 4-D9 | ED-366337 | D SILICON H 1SS241 |
| 4-D10 | ED-366337 | D SILICON H 1SS241 |
| 4-D11 | ED-366337 | D SILICON H 1SS241 |
| 4-D12 | ED-366337 | D SILICON H 1SS241 |
| 4-D13 | ED-366337 | D SILICON H 1SS241 |
| 4-D14 | ED-366337 | D SILICON H 1SS241 |
| 4-D15 | ED-366337 | D SILICON H 1SS241 |
| 4-TM1 | EJ-366338 | JACK PLATE F CONNECTOR 4P |
| 4-TR1 | ET-363953 | TR DTA114TS |
| 4-TR2 | ET-363953 | TR DTA114TS |
| 4-TR3 | ET-363953 | TR DTA114TS |

| Ref. No. | Part No. | Description |
|----------|-----------|-------------------------|
| 5-D1 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D2 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D3 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D4 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D5 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D6 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D7 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D8 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D9 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D10 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-SW1 | ES-359172 | SW TACT SKHHAP |
| 5-SW2 | ES-359172 | SW TACT SKHHAP |
| 5-SW3 | ES-359172 | SW TACT SKHHAP |
| 5-SW4 | ES-359172 | SW TACT SKHHAP |
| 5-SW5 | ES-359172 | SW TACT SKHHAP |

6. VOLUME SW P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|--------------------|
| 6-SW1 | ES-349367 | SW TACT SKHHAK003A |
| 6-SW2 | ES-349367 | SW TACT SKHHAK003A |
| 6-SW3 | ES-349367 | SW TACT SKHHAK003A |

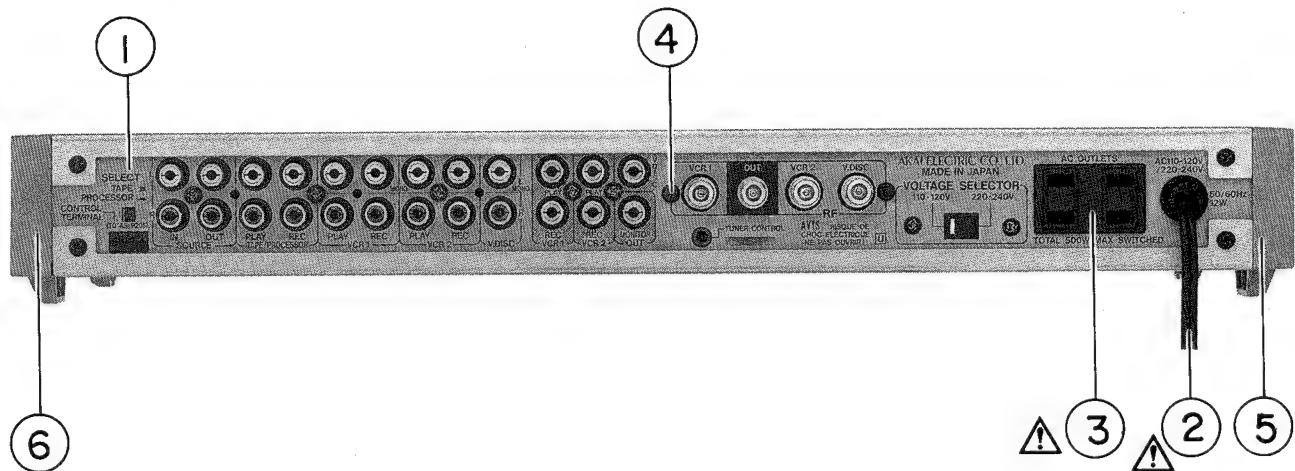
7. POWER SW P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|----------------|
| 7-SW1 | ES-359172 | SW TACT SKHHAP |

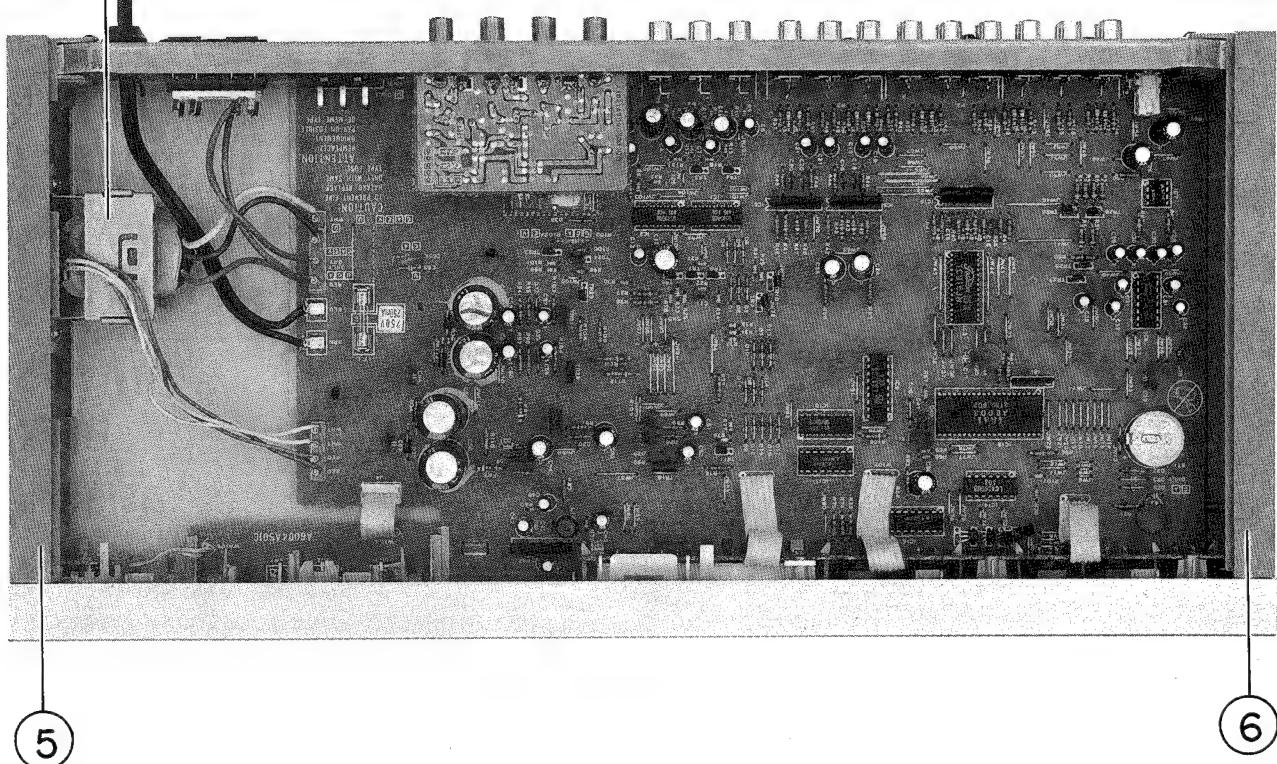
8. ASSEMBLY BLOCK

| Ref. No. | Part No. | Description |
|----------|--------------|--|
| 8-1A | SP-369057A | PANEL REAR AS-P202(U) |
| 8-1B | SP-369057B | PANEL REAR AS-P202(A,C) |
| 8-1C | SP-369057C | PANEL REAR AS-P202(E,V) |
| 8-1D | SP-369057D | PANEL REAR AS-P202(B,S) |
| 8-2A | *EW-363845 | AC CORD 200 KP700VFF B150 B U/T [A] |
| 8-2B | *EW-363793 | AC CORD 200 KP-8WSPT1 B150 B UC [C,A] |
| 8-2C | *EW-363859 | AC CORD 200 KP419LTCE B150 B EV [E] |
| 8-2D | *EW-363873 | AC CORD 200 LTBS B150 B B [B] |
| 8-2E | *EW-363886 | AC CORD 200 KP560LTSA B150 B S [S] |
| 8-3A | *EJ-346248 | SOCKET OUTLET S2-732T-172 [U] |
| 8-3B | *EJ-349174 | SOCKET OUTLET S2-732T-122 [C,A] |
| 8-4 | ZW-698308 | RV NYL30X055 BL |
| 8-5 | SP-361850A-A | PANEL SIDE(L) |
| 8-5-B | SP-361850B-A | PANEL SIDE(L)-B |
| 8-6 | SP-361851A-A | PANEL SIDE(R) |
| 8-6-B | SP-361851B-A | PANEL SIDE(R)-B |
| 8-T901A | *BT-369237 | TRANS POWER AS-P202 (U) |
| 8-T901B | *BT-369238 | TRANS POWER AS-P202 (C,A) |
| 8-T901C | *BT-369239 | TRANS POWER AS-P202 (E,V) |
| 8-T901D | *BT-369240 | TRANS POWER AS-P202 (B,S) |

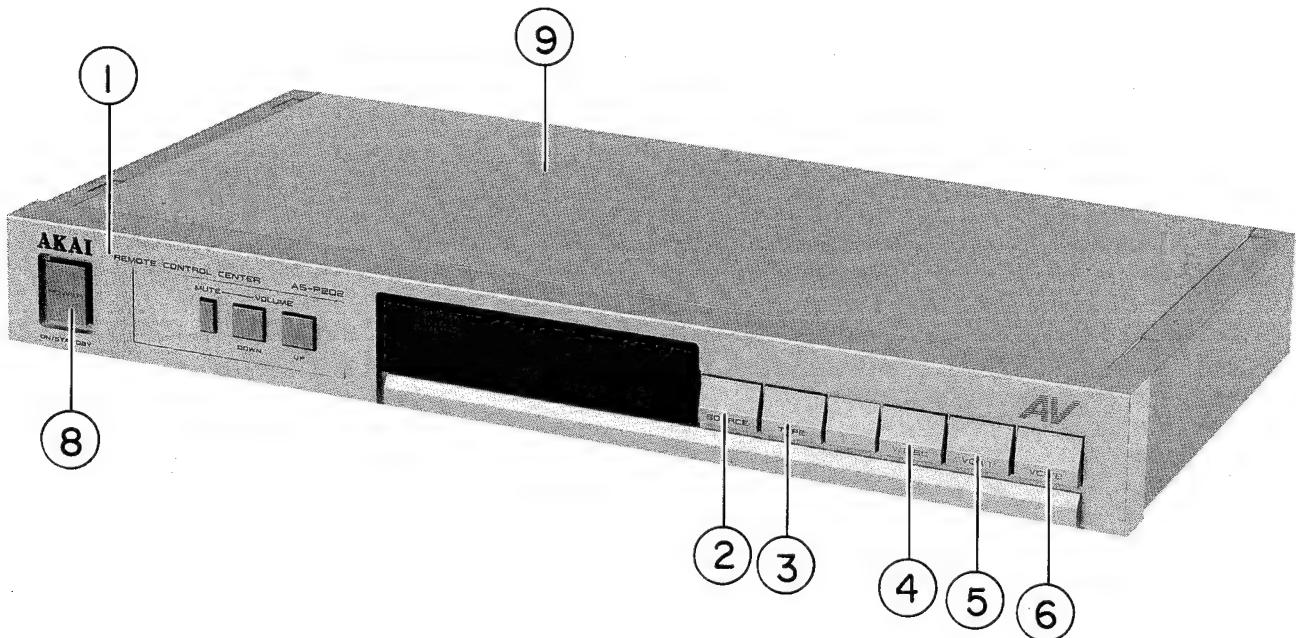
ASSEMBLY BLOCK



⚠ T901



FINAL ASSEMBLY BLOCK



9. FINAL ASSEMBLY BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|----------------------------|
| 9-1 | BD-A6004A050A | PANEL FRONT BLK AS-P202 |
| 9-1-B | BD-A6004A050B | PANEL FRONT BLK AS-P202-B |
| 9-2 | SK-366381R | KNOB SELECTOR SOURCE |
| 9-2-B | SK-361870P | KNOB SELECTOR (A)-B SOURCE |
| 9-3 | SK-366381Q | KNOB SELECTOR TAPE |
| 9-3-B | SK-361870G | KNOB SELECTOR (A)-B TAPE |
| 9-4 | SK-366381S | KNOB SELECTOR V.DISC |
| 9-4-B | SK-361870R | KNOB SELECTOR (A)-B V.DISC |
| 9-5 | SK-366381T | KNOB SELECTOR VCR1 |
| 9-5-B | SK-366381B | KNOB SELECTOR (A)-B VCR1 |
| 9-6 | SK-366381U | KNOB SELECTOR VCR2 |
| 9-6-B | SK-366381C | KNOB SELECTOR (A)-B VCR2 |
| 9-7X | ZG-369059 | SP SELECTOR |
| 9-8 | SK-343017C | KNOB POWER (2) |
| 9-8-B | SK-343017F | KNOB POWER-B |
| 9-9X | ZG-369058 | SP POWER |
| 9-10 | BC-358993A | COVER T-1 |
| 9-10-B | BC-358993G | COVER T-1B |
| 9-11X | EW-369331-A | CORD SAE-056 MINI-MINI/1M |
| 9-12X | AV-315170 | CORD RR-165 PIN-PIN/2P |

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

10. REMOTE CONTROL UNIT RC-P202

| Ref. No. | Part No. | Description |
|----------|-----------|--------------------------------|
| 10-1 | AX-369241 | REMOCON RC-P202-S WIRELESS (T) |
| 10-1-B | AX-369242 | REMOCON RC-P202-B WIRELESS(T) |
| 10-IC1 | EI-749983 | IC UPD1943G |
| 10-TR1 | ET-318603 | TR 2SD545NP F |
| 10-D1 | ED-714631 | D LED TLN105A |
| 10-D3 | ED-718039 | D SILICON DAN201 |
| 10-D4 | ED-718039 | D SILICON DAN201 |
| 10-X1 | EI-710037 | OSC CE CSB455E 455KHZ |
| 10-2 | SC-718689 | COVER BATTERY |
| 10-2-B | SC-718690 | COVER BATTERY-B |

MODEL AS-P205

1. RECOMMENDED SPARE PARTS

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|------------|----------------------------------|----------|------------|----------------------------|
| 1 | *BT-369316 | TRANS POWER A6005 (C,A) | 3-SW2 | ES-369320 | SW PUSH ESB-621929 3 THROW |
| 2 | *BT-369317 | TRANS POWER A6005 (E,V,B,S) | 3-TR1 | ET-349725 | TR 2SA1391 S.T F05 |
| 3 | *BT-369314 | TRANS POWER A6005 (U) | 3-TR2 | ET-349606 | TR 2SC3382 T,U F05 |
| 4 | *ED-345555 | D SILICON DBB10C 200/1.0A | 3-TR3 | ET-349606 | TR 2SC3382 T,U F05 |
| 5 | ED-361885 | D LED SLP284C-51U GREEN | 3-TR4 | ET-308141 | TR 2SC2603 G F05 |
| 6 | ED-301911 | D SILICON H DS448 | 3-TR5 | ET-308141 | TR 2SC2603 G F05 |
| 7 | ED-324526 | D ZENER H HZ12 C1 | 3-TR6 | ET-349725 | TR 2SA1391 S.T F05 |
| 8 | ED-346461 | D ZENER H HZ7FA F10 C1 | 3-TR7 | ET-349606 | TR 2SC3382 T,U F05 |
| 9 | *EF-365409 | FUSE BET T 200MA 250V [B] | 3-TR8 | ET-349606 | TR 2SC3382 T,U F05 |
| 10 | *EF-339905 | FUSE SEMKO T 200MA 250V [E,S] | 3-TR9 | ET-349725 | TR 2SA1391 S.T F05 |
| 11 | *EF-321323 | FUSE TSC A 250V 250MA [U] | 3-TR10 | ET-349606 | TR 2SC3382 T,U F05 |
| 12 | *EF-306088 | FUSE TSC 125V 315MA [C,A] | 3-TR11 | *ET-366581 | TR 2SD1762 E,F |
| 13 | EI-369328 | IC MN3003 | 3-TR12 | *ET-366365 | TR 2SB1185 E,F |
| 14 | EI-337228 | IC M5218L | 3-TR13 | ET-364093 | TR 2SA1283 E,F F05 |
| 15 | *EQ-369318 | RELAY SIG G5A-237P 24V | 3-TR14 | ET-308141 | TR 2SC2603 G F05 |
| 16 | *ES-363293 | SW PUSH SPUL19 [U] | 3-TR15 | ET-364060 | TR DTC143ES |
| 17 | *ES-348463 | SW SLIDE 00120297 01-2 [U] | 3-TR16 | ET-364060 | TR DTC143ES |
| 18 | ES-369319 | SW PUSH ESB-621928 2 THROW | 3-TR17 | ET-364060 | TR DTC143ES |
| 19 | ES-369320 | SW PUSH ESB-621929 3 THROW | 3-TR18 | ET-308141 | TR 2SC2603 G F05 |
| 20 | ET-360646 | TR DTA143ES F05 | 3-TR19 | ET-308141 | TR 2SC2603 G F05 |
| 21 | ET-364093 | TR 2SA1283 E,F F05 | 3-TR20 | ET-308141 | TR 2SC2603 G F05 |
| 22 | ET-349725 | TR 2SA1391 S.T F05 | 3-TR21 | ET-347961 | TR 2SD1012-V G F05 |
| 23 | ET-366365 | TR 2SB1185 E,F | 3-TR22 | ET-336997 | TR 2SB808-V G,H |
| 24 | ET-336997 | TR 2SB808-V G,H | 3-TR23 | ET-308141 | TR 2SC2603 G F05 |
| 25 | ET-308141 | TR 2SC2603 G F05 | 3-TR24 | ET-350795 | TR 2SC3399 F05 |
| 26 | ET-349606 | TR 2SC3382 T,U F05 | 3-TR25 | ET-350795 | TR 2SC3399 F05 |
| 27 | ET-350795 | TR 2SC3399 F05 | 3-TR26 | ET-360646 | TR DTA143ES F05 |
| 28 | ET-347961 | TR 2SD1012-V G F05 | 3-TR27 | ET-308141 | TR 2SC2603 G F05 |
| 29 | ET-366581 | TR 2SD1762 E,F | 3-VR1 | EV-338588 | R S-FIX H RVF8P01 3P 503 |
| 30 | EV-369327 | VR SPECIAL ROTARY VK161 2AXLE | 3-VR2 | EV-337996 | R S-FIX H RVF8P01 3P 104 |

2. P.C BOARD BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|-------------------------------|
| 2-1A | BA-A6005A020A | PC PROCESSOR BLK AS-P205(U) |
| 2-1B | BA-A6005A020C | PC PROCESSOR BLK AS-P205(C,A) |
| 2-1C | BA-A6005A020D | PC PROCESSOR BLK AS-P205(E,S) |
| 2-1D | BA-A6005A020E | PC PROCESSOR BLK AS-P205(B) |

PC PROCESSOR BLK CONSISTS OF FOLLOWING P.C BOARD

- * PROCESSOR P.C BOARD
- * LED P.C BOARD
- * POWER SUPPLY P.C BOARD

3. PROCESSOR P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|-----------------------------------|
| 3-C51 | EC-316188 | C EC V CUT SM 102M 25DC |
| 3-C52 | EC-316188 | C EC V CUT SM 102M 25DC |
| 3-D1 | ED-349662 | D SILICON DS135E-FA6 F10 100/1.0A |
| 3-D2 | ED-301911 | D SILICON H DS448 |
| 3-D3 | ED-301911 | D SILICON H DS448 |
| 3-D4 | ED-324526 | D ZENER H HZ12 C1 |
| 3-D5 | ED-324526 | D ZENER H HZ12 C1 |
| 3-D6 | ED-346461 | D ZENER H HZ7FA F10 C1 |
| 3-D7 | ED-346461 | D ZENER H HZ7FA F10 C1 |
| 3-D8 | ED-301911 | D SILICON H DS448 |
| 3-IC1 | EI-337228 | IC M5218L |
| 3-IC2 | EI-337228 | IC M5218L |
| 3-IC3 | EI-337228 | IC M5218L |
| 3-IC4 | EI-369328 | IC MN3003 |
| 3-IC5 | EI-337228 | IC M5218L |
| 3-J1 | EJ-336905 | PIN J AJC-035-ACB P 4P |
| 3-J2 | EJ-336905 | PIN J AJC-035-ACB P 4P |
| 3-P1 | EJ-369321 | PLUG CONNECTOR S4B-XH-A BLACK 4P |
| 3-RL1 | *EQ-369318 | RELAY SIG G5A-237P 24V |
| 3-SW1 | ES-369319 | SW PUSH ESB-621928 2 THROW |

4. LED P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|-------------------------|
| 4-D301 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D302 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D303 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D304 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D305 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D306 | ED-361885 | D LED SLP284C-51U GREEN |
| 4-D307 | ED-361885 | D LED SLP284C-51U GREEN |

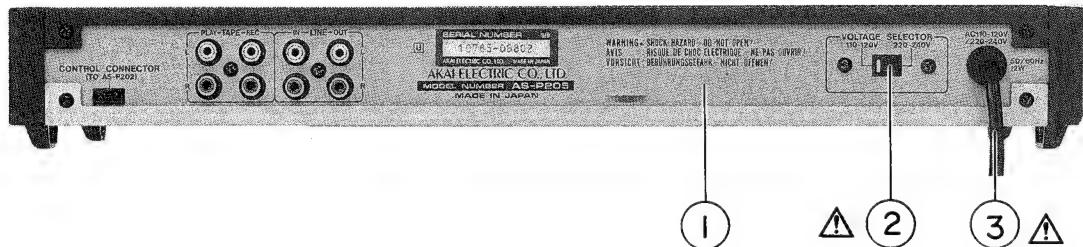
5. POWER SUPPLY P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|----------------------------------|
| 5-D101 | *ED-345555 | D SILICON DBB10C 200/1.0A |
| 5-SW101 | *ES-363293 | SW PUSH SPUL19 [U] |
| 5-T901A | *BT-369314 | TRANS POWER A6005 (U) |
| 5-T901B | *BT-369316 | TRANS POWER A6005 (C,A) |
| 5-T901C | *BT-369317 | TRANS POWER A6005 (E,V,B,S) |
| 5-F101A | *EF-321323 | FUSE TSC A 250V 250MA [U] |
| 5-F101B | *EF-306088 | FUSE TSC 125V 315MA [C,A] |
| 5-F101C | *EF-339905 | FUSE SEMKO T 200MA 250V [E,S] |
| 5-F101D | *EF-365409 | FUSE BET T 200MA 250V [B] |
| 5-F102A | *EF-321323 | FUSE TSC A 250V 250MA [U] |
| 5-F102B | *EF-306088 | FUSE TSC 125V 315MA [C,A] |
| 5-F102C | *EF-339905 | FUSE SEMKO T 200MA 250V [E,S] |
| 5-F102D | *EF-365409 | FUSE BET T 200MA 250V [B] |

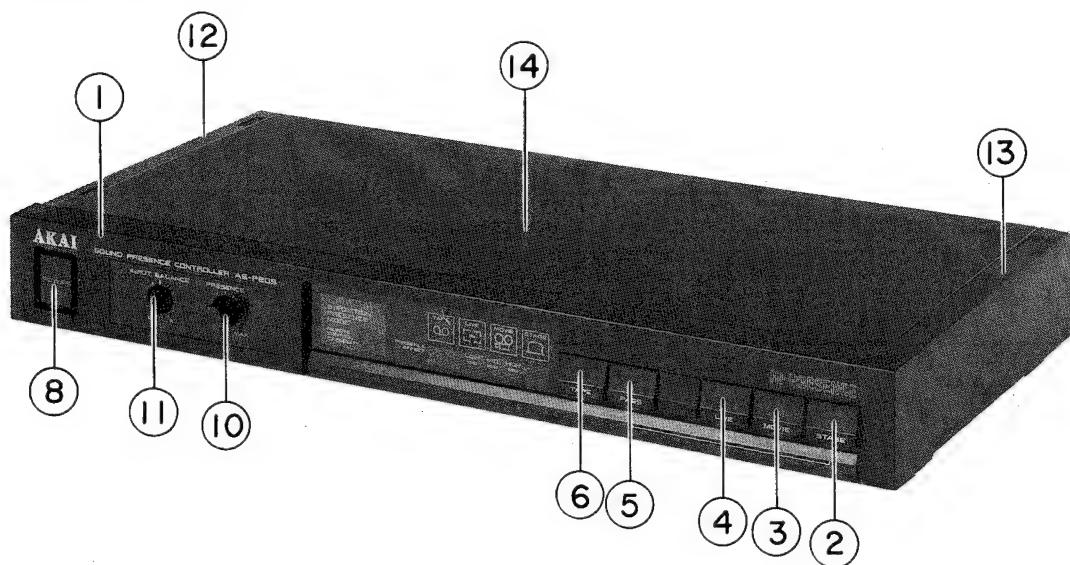
6. VOLUME P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|-------------------------------|
| 6-VR201 | EV-369327 | VR SPECIAL ROTARY VK161 2AXLE |

ASSEMBLY BLOCK



FINAL ASSEMBLY BLOCK



7. ASSEMBLY BLOCK

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 7-1A | SP-369071A | PANEL REAR AS-P205(U) |
| 7-1B | SP-369071C | PANEL REAR AS-P205(C,A) |
| 7-1C | SP-369071D | PANEL REAR AS-P205(E,V) |
| 7-1D | SP-369071E | PANEL REAR AS-P205(B,S) |
| 7-2 | *ES-348463 | SW SLIDE 00120297 01-2 [U] |
| 7-3A | *EW-363658 | AC CORD 200 0129AVFF B100 A U/T [U] |
| 7-3B | *EW-363734 | AC CORD 200 KP-8 SPT1 B100 A UC [C,A] |
| 7-3C | *EW-363671 | AC CORD 200 0364 LCFL B100 A EV [E] |
| 7-3D | *EW-363683 | AC CORD 200 LCFL B100 A B [B] |
| 7-3E | *EW-363697 | AC CORD 200 0436 LCFL B100 A S [S] |

8. FINAL ASSEMBLY BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|------------------------------|
| 8-1A | BD-A6005A030A | PANEL FRONT BLK AS-P205(U) |
| 8-1A-B | BD-A6005A030B | PANEL FRONT BLK AS-P205-B(U) |
| 8-2 | SK-366381E | KNOB SELECTOR STAGE |
| 8-2-B | SK-366381K | KNOB SELECTOR-B STAGE |
| 8-3 | SK-366381F | KNOB SELECTOR MOVIE |
| 8-3-B | SK-366381L | KNOB SELECTOR-B MOVIE |
| 8-4 | SK-366381G | KNOB SELECTOR LIVE |
| 8-4-B | SK-366381M | KNOB SELECTOR-B LIVE |
| 8-5 | SK-366381H | KNOB SELECTOR PASS |
| 8-5-B | SK-366381N | KNOB SELECTOR-B PASS |
| 8-6 | SK-366381Q | KNOB SELECTOR TAPE |
| 8-6-B | SK-361870G | KNOB SELECTOR (A)-B TAPE |
| 8-7X | ZG-369059 | SP SELECTOR |
| 8-8 | SK-343017C | KNOB POWER (2) |
| 8-8-B | SK-343017F | KNOB POWER-B |
| 8-9X | ZG-369058 | SP POWER |
| 8-10 | SK-369277A | KNOB PRESENCE |
| 8-10-B | SK-369277B | KNOB PRESENCE-B |
| 8-11 | SK-369278A | KNOB BALANCE |
| 8-11-B | SK-369278B | KNOB BALANCE-B |
| 8-12 | SP-361850A-A | PANEL SIDE(L) |
| 8-12-B | SP-361850B-A | PANEL SIDE(L)-B |
| 8-13 | SP-361851A-A | PANEL SIDE(R) |
| 8-13-B | SP-361851B-A | PANEL SIDE(R)-B |
| 8-14 | BC-358993A | COVER T-1 |
| 8-14-B | BC-358993G | COVER T-1B |
| 8-15X | AX-A6005A040A | ANTI-SLIP SET BLK AS-P205 |
| 8-16X | AV-315170 | CORD RR-165 PIN-PIN/2P |

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

PARTS LIST

MODEL AS-P302

1. RECOMMENDED SPARE PARTS

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 1 | *BT-366008 | TRANS POWER AS-P302T-10(J) |
| 2 | *BT-366010 | TRANS POWER AS-P302T-20(A) |
| 3 | *BT-366009 | TRANS POWER AS-P302T-30(C) |
| 4 | *BT-366011 | TRANS POWER AS-P302T-40(E,V) |
| 5 | *BT-366012 | TRANS POWER AS-P302T-50(B,S) |
| 6 | *BT-366007 | TRANS POWER AS-P302T-70(U) |
| 7 | *ED-200213 | D SILICON DBA40C-K15 200/2.6A |
| 8 | ED-562397 | D GERMA H 1S188FM1 |
| 9 | ED-366020 | D LED BG3665S GREEN |
| 10 | ED-366023 | D LED BR3665S RED |
| 11 | ED-358087 | D LED SLP-175B-50 RED |
| 12 | ED-361885 | D LED SLP284C-51U GREEN |
| 13 | ED-714631 | D LED TLN105A |
| 14 | ED-360409 | D PHOT PN323B |
| 15 | ED-348990 | D SILICON H DS446 |
| 16 | ED-301911 | D SILICON H DS448 |
| 17 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 18 | ED-306320 | D ZENER H HZ15 2 |
| 19 | ED-346415 | D ZENER H HZ2FA F10 C1 |
| 20 | ED-329056 | D ZENER H HZ22 2 |
| 21 | ED-309069 | D ZENER H HZ6 B2 |
| 22 | ED-319167 | D ZENER H HZ6 C3 |
| 23 | ED-346607 | D ZENER H HZ9 B1 |
| 24 | *EF-355226 | FUSE BET T 1.00A 250V [B] |
| 25 | *EF-623103 | FUSE SEMKO T 1.00A 250V [E,V,S] |
| 26 | *EF-311839 | FUSE TSC A 250V 1.60A [J,U] |
| 27 | *EF-306950 | FUSE TSC A 250V 2.00A [J,U] |
| 28 | *EF-308847 | FUSE TSC 125V 1.60A [C,A] |
| 29 | *EF-306954 | FUSE TSC 125V 2.00A [C,A] |
| 30 | *EI-366014 | IC STK4131II |
| 31 | EI-370312 | IC A6003 |
| 32 | EI-354401 | IC BU4066B |
| 33 | EI-356370 | IC LA7224 |
| 34 | EI-337013 | IC LB1290 |
| 35 | EI-360227 | IC MN3007 |
| 36 | EI-360228 | IC MN3101 |
| 37 | EI-349719 | IC M5218P |
| 38 | EI-349719 | IC M5218P |
| 39 | EI-300042 | IC M54519P |
| 40 | EI-300042 | IC M54519P |
| 41 | EI-366038 | IC NE645N |
| 42 | EI-332259 | IC TC4052BP |
| 43 | EI-366013 | IC TC9163N |
| 44 | EI-351966 | IC TC9176P |
| 45 | EI-351966 | IC TC9176P |
| 46 | EI-749983 | IC UPD1943G |
| 47 | EI-348409 | OSC CE CSB400P 0.4MHZ |
| 48 | EI-749984 | OSC CE KBR455BAT 455KHZ |
| 49 | *EO-338409 | COIL LF FKOB180MH02 250UH |
| 50 | *EQ-347611 | RELAY POWER G2R-1112PFD-V 1NO 12V [U,J,C,A] |
| 51 | *EQ-337159 | RELAY POWER G4Z-2282P 2NO 24V |
| 52 | *ER-345751 | R FUSE ERD2FC S10 1/4W 15R0G |
| 53 | *ER-349424 | R FUSE ERD2FC S10 1/4W 18R0G |
| 54 | *ER-200972 | R FUSE ERD2FC S10 1/4W 33R0G |
| 55 | *ER-318248 | R FUSE ERD2FC S10 1/4W 47R0G |
| 56 | *ER-328278 | R FUSE ERD2FC 1/4W 10R0G |
| 57 | *ER-200746 | R FUSE ERD2FC 1/4W 1000G |
| 58 | *ES-349070 | SW SELECTOR YKS11-0002 02-4 [U] |
| 59 | ES-349474 | SW TACT SKHHAM004A |
| 60 | ES-359172 | SW TACT SKHHAP |
| 61 | ES-366019 | SW TACT 2401422-8A |
| 62 | ET-370311 | TR DTC143XS |
| 63 | ET-354414 | TR DTC144ES |
| 64 | ET-370310 | TR DTC144TS |
| 65 | ET-308472 | TR 2SA1115 E,F,G F05 |
| 66 | ET-349882 | TR 2SA1283 D,E F05 |
| 67 | ET-322598 | TR 2SB632K E,F |
| 68 | ET-308141 | TR 2SC2603 G F05 |
| 69 | ET-349883 | TR 2SC3243 D,E F05 |

| Ref. No. | Part No. | Description |
|----------|-----------|---------------------------|
| 70 | ET-344176 | TR 2SD313HP F |
| 71 | ET-318603 | TR 2SD545NP F |
| 72 | ET-310148 | TR 2SD612K E,F |
| 73 | EV-362442 | VR SLIDE RS25112A9 C103X2 |
| 74 | EV-358539 | VR SLIDE 25P1SVOF W105 |

2. P.C BOARD BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|-------------------------------------|
| 2-1 | BA-A6003A020B | PC MAIN BLK AS-P302(J) |
| 2-1A | BA-A6003A020A | PC MAIN BLK AS-P302(U) |
| 2-1B | BA-A6003A020C | PC MAIN BLK AS-P302(C,A) |
| 2-1C | BA-A6003A020D | PC MAIN BLK AS-P302(E,B,S) |
| 2-1D | BA-A6003A020E | PC MAIN BLK AS-P302(V) |
| 2-2 | BA-A6003A030A | PC FRONT BLK AS-P302(J,U,C,E,V,B,S) |
| 2-2A | BA-A6003A030B | PC FRONT BLK AS-P302(A) |
| 2-3 | BA-A6003A040A | PC DOLBY BLK AS-P302 |

PC MAIN BLK CONSISTS OF FOLLOWING P.C BOARD

- * MAIN P.C BOARD
- * POWER JUNCTION P.C BOARD
- * JACK P.C BOARD
- * DC CONTROL JACK P.C BOARD
- * MAIN SUB P.C BOARD

PC FRONT BLK CONSISTS OF P.C BOARD

- * FRONT (1) P.C BOARD
- * FRONT (2) P.C BOARD
- * POWER SW P.C BOARD

3. MAIN P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|-------------------------------|
| 3-C34 | EC-350765 | C EC V CUT 472M 35DC |
| 3-C35 | EC-350765 | C EC V CUT 472M 35DC |
| 3-C42 | EC-326583 | C MMY V CUT CF921 473K 400DC |
| 3-D1 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D2 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D3 | ED-301911 | D SILICON H DS448 |
| 3-D4 | *ED-306320 | D ZENER H HZ15 2 |
| 3-D5 | *ED-306320 | D ZENER H HZ15 2 |
| 3-D6 | ED-309069 | D ZENER H HZ6 B2 |
| 3-D7 | ED-319167 | D ZENER H HZ6 C3 |
| 3-D8 | ED-319167 | D ZENER H HZ6 C3 |
| 3-D9 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D10 | ED-329056 | D ZENER H HZ22 2 |
| 3-D11 | *ED-200213 | D SILICON DBA40C-K15 200/2.6A |
| 3-D13 | ED-346607 | D ZENER H HZ9 B1 |
| 3-D14 | ED-346607 | D ZENER H HZ9 B1 |
| 3-D15 | ED-348990 | D SILICON H DS446 |
| 3-D16 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D17 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D18 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D19 | ED-301911 | D SILICON H DS448 |
| 3-D20 | *ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D21 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D22 | ED-301911 | D SILICON H DS448 |
| 3-D23 | ED-301911 | D SILICON H DS448 |
| 3-D24 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D25 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D26 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D27 | ED-301911 | D SILICON H DS448 |
| 3-D28 | ED-301911 | D SILICON H DS448 |
| 3-D29 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D30 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D31 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D32 | ED-301911 | D SILICON H DS448 |
| 3-D33 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D34 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-D35 | ED-344280 | D SILICON H GMA-01-FY2 F05 |
| 3-FR1 | *ER-200746 | R FUSE ERD2FC 1/4W 1000G |
| 3-FR2 | *ER-328278 | R FUSE ERD2FC 1/4W 10R0G |
| 3-FR3 | *ER-328278 | R FUSE ERD2FC 1/4W 10R0G |

| Ref. No. | Part No. | Description |
|----------|------------|-------------------------------------|
| 3-FR4 | *ER-349424 | R FUSE ERD2FC S10 1/4W 18R0G |
| 3-FR5 | *ER-345751 | R FUSE ERD2FC S10 1/4W 15R0G |
| 3-FR6 | *ER-200972 | R FUSE ERD2FC S10 1/4W 33R0G |
| 3-FR7 | *ER-200972 | R FUSE ERD2FC S10 1/4W 33R0G |
| 3-FR8 | *ER-318248 | R FUSE ERD2FC S10 1/4W 47R0G |
| 3-IC1 | EI-354401 | IC BU4066B |
| 3-IC2 | EI-354401 | IC BU4066B |
| 3-IC3 | EI-354401 | IC BU4066B |
| 3-IC4 | EI-349392 | IC TC9164N |
| 3-IC5 | EI-366013 | IC TC9163N |
| 3-IC6 | EI-349719 | IC M5218P |
| 3-IC7 | EI-349719 | IC M5218P |
| 3-IC8 | EI-351966 | IC TC9176P |
| 3-IC9 | EI-349719 | IC M5218P |
| 3-IC10 | EI-332259 | IC TC4052BP |
| 3-IC11 | EI-351966 | IC TC9176P |
| 3-IC12 | EI-349719 | IC M5218P |
| 3-IC13 | *EI-366014 | IC STK4131II |
| 3-IC14 | EI-349719 | IC M5218P |
| 3-IC15 | EI-349719 | IC M5218P |
| 3-P1 | EJ-356651 | PHONE J HSJ1011-01-510 |
| 3-P2 | EJ-366034 | PIN J JPJ1012-01-940 1P |
| 3-P3 | EJ-366035 | PIN J YKC21-5134A P 3P |
| 3-P4 | EJ-366035 | PIN J YKC21-5134A P 3P |
| 3-P5 | EJ-366035 | PIN J YKC21-5134A P 3P |
| 3-P6 | EJ-366035 | PIN J YKC21-5134A P 3P |
| 3-P7 | EJ-366035 | PIN J YKC21-5134A P 3P |
| 3-P9 | EJ-336905 | PIN J AJC-035-ACB P 4P |
| 3-P10 | EJ-336905 | PIN J AJC-035-ACB P 4P |
| 3-L1 | EO-337880 | COIL FIX 2 202AK-018 2R2K |
| 3-RL1 | *EQ-337159 | RELAY POWER G4Z-2282P 2NO 24V |
| 3-R81 | ER-311685 | R CB H S15 FS RDS 1/2W 4R7J |
| 3-R82 | ER-311685 | R CB H S15 FS RDS 1/2W 4R7J |
| 3-R85 | ER-324935 | R CB H S15 FS RDS 1/2W 181J |
| 3-R90 | *ER-365312 | R OMF H S15 FS 2W 471J [U,J,C,A] |
| 3-R90A | *ER-363514 | R OMF H S15 FS 2W 271J [E,B,S,V] |
| 3-R100 | ER-323074 | R CB H S10 FS RDS 1/4W 102J |
| 3-R101 | ER-323074 | R CB H S10 FS RDS 1/4W 102J |
| 3-SW1 | ES-366019 | SW TACT 2401422-8A |
| 3-TM1 | EJ-359264 | TERMINAL LEVER YKD21-0023A P 4P |
| 3-TR1 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR2 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR3 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR5 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR7 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR10 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR11 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR12 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR13 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR14 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR15 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR16 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR17 | ET-354414 | TR DTC144ES |
| 3-TR18 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR19 | ET-354414 | TR DTC144ES |
| 3-TR20 | ET-349883 | TR 2SC3243 D,E F05 |
| 3-TR21 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR22 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR23 | ET-349882 | TR 2SA1283 D,E F05 |
| 3-TR24 | *ET-344176 | TR 2SD313HP F |
| 3-TR25 | *ET-347026 | TR 2SB507HP E,F |
| 3-TR26 | *ET-344176 | TR 2SD313HP F |
| 3-TR27 | *ET-310148 | TR 2SD612K E,F |
| 3-TR28 | *ET-322598 | TR 2SB632K E,F |
| 3-TR29 | ET-308141 | TR 2SC2603 G F05 |
| 3-TR30 | ET-370310 | TR DTC144TS |
| 3-TR30A | ET-308141 | TR 2SC2603 G F05 [1ST LOT ONLY] |
| 3-TR31 | ET-370310 | TR DTC144TS |
| 3-TR31A | ET-308141 | TR 2SC2603 G F05 [1ST LOT ONLY] |
| 3-TR32 | ET-370310 | TR DTC144TS |
| 3-TR32A | ET-308141 | TR 2SC2603 G F05 [1ST LOT ONLY] |
| 3-TR33 | ET-370311 | TR DTC143XS |

| Ref. No. | Part No. | Description |
|----------|------------|------------------------------------|
| 3-TR33A | ET-308141 | TR 2SC2603 G F05 [1ST LOT ONLY] |
| 3-F1 | *EF-311839 | FUSE TSC A 250V 1.60A [U,J] |
| 3-F2 | *EF-311839 | FUSE TSC A 250V 1.60A [U,J] |
| 3-F3 | *EF-306950 | FUSE TSC A 250V 2.00A [U,J] |
| 3-F1A | *EF-306954 | FUSE TSC 125V 2.00A [C,A] |
| 3-F2A | *EF-308847 | FUSE TSC 125V 1.60A [C,A] |
| 3-F3A | *EF-308847 | FUSE TSC 125V 1.60A [C,A] |
| 3-F1B | *EF-623103 | FUSE SEMKO T 1.00A 250V [E,V,S] |
| 3-F2B | *EF-623103 | FUSE SEMKO T 1.00A 250V [E,V,S] |
| 3-F3B | *EF-623103 | FUSE SEMKO T 1.00A 250V [E,V,S] |
| 3-F1C | *EF-355226 | FUSE BET T 1.00A 250V [B] |
| 3-F2C | *EF-355226 | FUSE BET T 1.00A 250V [B] |
| 3-F3C | *EF-355226 | FUSE BET T 1.00A 250V [B] |

4. DOLBY P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|-----------------------------|
| 4-IC1 | EI-349719 | IC M5218P |
| 4-IC2 | EI-349719 | IC M5218P |
| 4-IC3 | EI-349719 | IC M5218P |
| 4-IC4 | EI-360227 | IC MN3007 |
| 4-IC5 | EI-360228 | IC MN3101 |
| 4-IC6 | EI-366038 | IC NE645N |
| 4-IC7 | EI-349719 | IC M5218P |
| 4-R31 | ER-324935 | R CB H S15 FS RDS 1/2W 181J |
| 4-VR1 | EV-356577 | R S-FIX H RH0615C14J 3P 103 |

5. FRONT (1) P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|----------------------------|
| 5-D1 | ED-360409 | D PHOT PN323B |
| 5-D2 | ED-366023 | D LED BR3665S RED |
| 5-D3 | ED-366023 | D LED BR3665S RED |
| 5-D4 | ED-366023 | D LED BR3665S RED |
| 5-D5 | ED-366023 | D LED BR3665S RED |
| 5-D6 | ED-366023 | D LED BR3665S RED |
| 5-D7 | ED-366023 | D LED BR3665S RED |
| 5-D8 | ED-316185 | D LED SLP284C-51U GREEN |
| 5-D9 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D10 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D11 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D12 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D13 | ED-361885 | D LED SLP284C-51U GREEN |
| 5-D14 | ED-366020 | D LED BG3665S GREEN |
| 5-D15 | ED-366020 | D LED BG3665S GREEN |
| 5-D16 | ED-366020 | D LED BG3665S GREEN |
| 5-D17 | ED-366020 | D LED BG3665S GREEN |
| 5-D18 | ED-366020 | D LED BG3665S GREEN |
| 5-D19 | ED-366023 | D LED BR3665S RED |
| 5-D20 | ED-366023 | D LED BR3665S RED |
| 5-D21 | ED-366023 | D LED BR3665S RED |
| 5-D22 | ED-366020 | D LED BG3665S GREEN |
| 5-D23 | ED-366020 | D LED BG3665S GREEN |
| 5-IC1 | EI-356370 | IC LA7224 |
| 5-IC2 | EI-300042 | IC M54519P |
| 5-L1 | EO-330719 | COIL FIX 1 187LY-103K 103K |
| 5-SW2 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW3 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW4 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW5 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW6 | ES-349474 | SW TACT SKHHAM004A |

PARTS LIST

9. DC CONTROL P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|---------------------------|
| 5-SW7 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW8 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW9 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW10 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW11 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW12 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW13 | ES-349474 | SW TACT SKHHAM004A |
| 5-SW14 | ES-349474 | SW TACT SKHHAM004A |
| 5-TR1 | ET-308472 | TR 2SA1115 E,F,G F05 |
| 5-TR2 | ET-308141 | TR 2SC2603 G F05 |
| 5-TR3 | ET-308141 | TR 2SC2603 G F05 |
| 5-VR1 | EV-358539 | VR SLIDE 25P1SV0F W105 |
| 5-VR2 | EV-362442 | VR SLIDE RS25112A9 C103X2 |

6. FRONT (2) P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|----------------------------|
| 6-BT1 | *EZ-358816 | BATTERY LITHIUM BR2032-1HF |
| 6-D1 | ED-562397 | D GERMA H 1S188FM1 |
| 6-D2 | ED-562397 | D GERMA H 1S188FM1 |
| 6-D4 | ED-301911 | D SILICON H DS448 |
| 6-D5 | ED-346415 | D ZENER H HZ2FA F10 C1 |
| 6-D6 | ED-301911 | D SILICON H DS448 |
| 6-D7 | ED-301911 | D SILICON H DS448 |
| 6-D8 | ED-301911 | D SILICON H DS448 |
| 6-D9 | ED-301911 | D SILICON H DS448 |
| 6-D10 | ED-301911 | D SILICON H DS448 |
| 6-D11 | ED-301911 | D SILICON H DS448 |
| 6-D12 | ED-301911 | D SILICON H DS448 |
| 6-D13 | ED-301911 | D SILICON H DS448 |
| 6-D14 | ED-301911 | D SILICON H DS448 |
| 6-D15 | ED-301911 | D SILICON H DS448 |
| 6-D16 | ED-301911 | D SILICON H DS448 |
| 6-D17 | ED-301911 | D SILICON H DS448 |
| 6-D18 | ED-301911 | D SILICON H DS448 |
| 6-IB1 | EH-370493 | COMP R RGLDX104J |
| 6-IC1 | EI-370312 | IC A6003 |
| 6-IC2 | EI-366037 | IC BU4028B |
| 6-IC3 | EI-366037 | IC BU4028B |
| 6-IC4 | EI-300042 | IC M54519P |
| 6-IC5 | EI-300042 | IC M54519P |
| 6-IC6 | EI-337013 | IC LB1290 |
| 6-R13 | ER-333034 | R OMF H S20 FS 2W 122J |
| 6-R16 | ER-333034 | R OMF H S20 FS 2W 122J |
| 6-TR1 | ET-308141 | TR 2SC2603 G F05 |
| 6-TR2 | ET-308141 | TR 2SC2603 G F05 |
| 6-TR3 | ET-308141 | TR 2SC2603 G F05 |
| 6-TR4 | ET-308141 | TR 2SC2603 G F05 |
| 6-TR5 | ET-308472 | TR 2SA1115 E,F,G F05 |
| 6-X1 | EI-348409 | OSC CE CSB400P 0.4MHZ |

7. POWER JUNCTION P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 7-C1 | *EC-320548 | C CE V F 103Z 250AC [U,J] |
| 7-C1 | *EC-338411 | C CE V FZ 103P 400AC [C,A] |
| 7-D1 | ED-301911 | D SILICON H DS448 [U,J,C,A] |
| 7-L201 | *EO-338409 | COIL LF FKOB160MH02 250UH |
| 7-RL1 | *EQ-347611 | RELAY POWER G2R-1112PFD-V 1NO 12V [U,J,C,A] |

8. JACK P.C BOARD

| Ref. No. | Part No. | Description |
|----------|------------|-----------------------|
| 8-P8 | *EJ-366032 | PIN J YKC21-5168 P 3P |

| Ref. No. | Part No. | Description |
|----------|------------|----------------------------|
| 9-J1 | *EJ-366021 | SOCKET INLET X-G9242#02 2P |

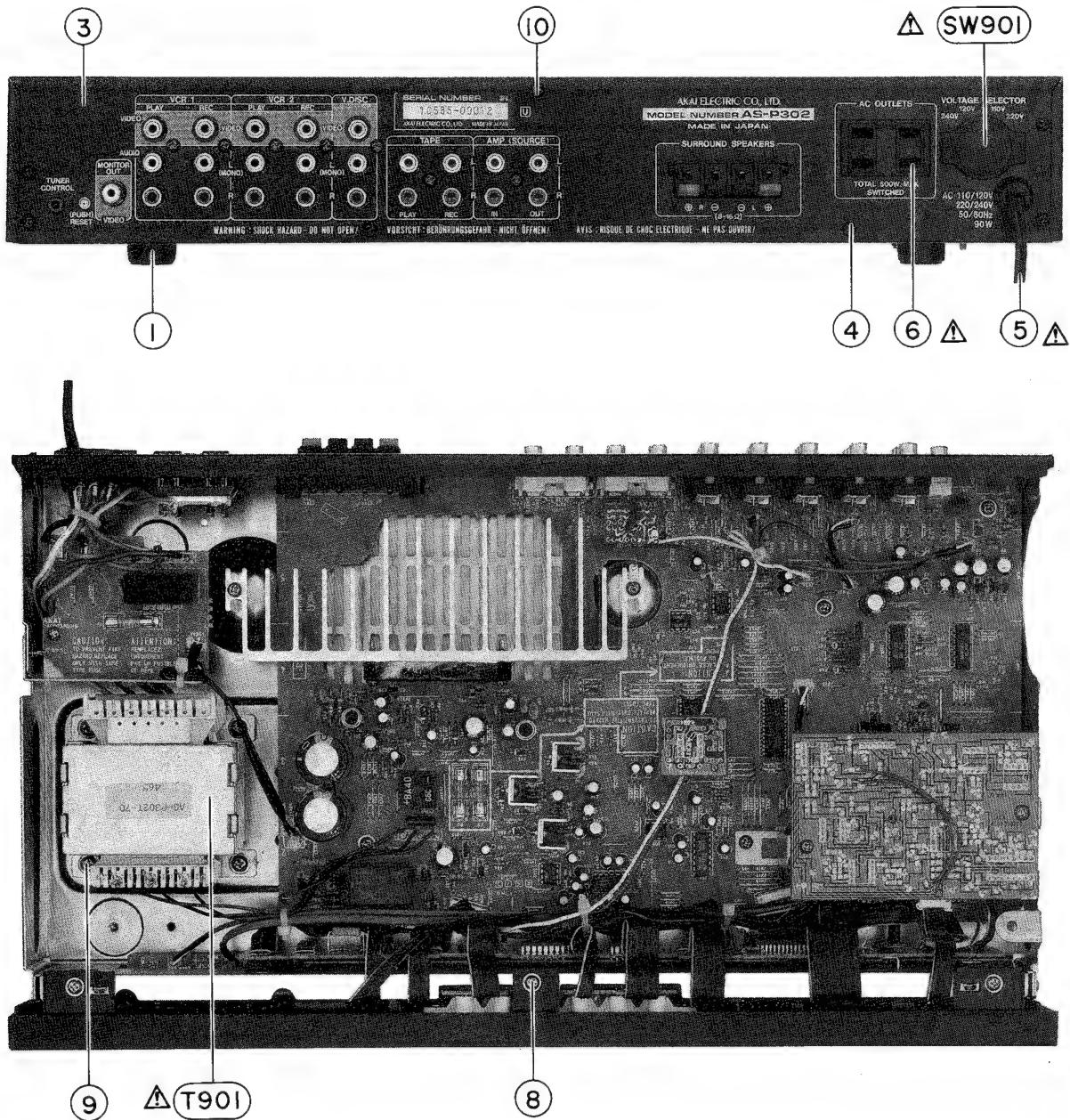
10. POWER SW P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|-----------------------|
| 10-D1 | ED-358087 | D LED SLP-175B-50 RED |
| 10-SW1 | ES-359172 | SW TACT SKHHAP |

11. MAIN SUB P.C BOARD

| Ref. No. | Part No. | Description |
|----------|-----------|-------------|
| 11-IC1 | EI-349719 | IC M5218P |

ASSEMBLY BLOCK

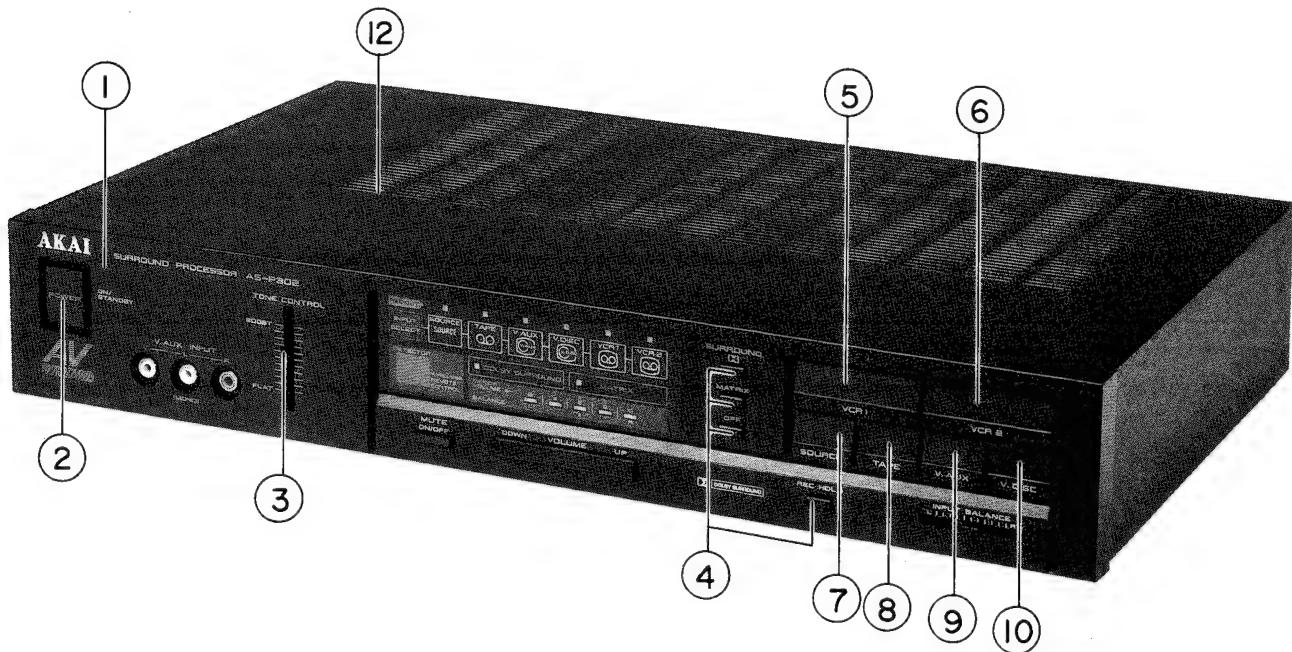


12. ASSEMBLY BLOCK

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|------------|--|----------|------------|------------------------------------|
| 12-1 | SA-332850 | ROUND FOOT | 12-5E | *EW-363882 | AC CORD 200 KP560LTSA B070 A S [S] |
| 12-2X | ZS-498273 | T2BR30X08STL CMT PW080 [FOOT FIX] | 12-6 | *EJ-346248 | SOCKET OUTLET S2-732T-172 [U,J] |
| 12-3 | SP-365768B | PANEL REAR AS-P302(J) | 12-6A | *EJ-349174 | SOCKET OUTLET S2-732T-122 [C,A] |
| 12-3A | SP-365768A | PANEL REAR AS-P302(U) | 12-7X | ZW-698308 | RV NYL30X055 BL |
| 12-3B | SP-365768C | PANEL REAR AS-P302(A,C) | 12-8 | ZS-498273 | T2BR30X08STL CMT PW080 |
| 12-3C | SP-365768D | PANEL REAR AS-P302(E,V) | 12-9 | ZS-346742 | ST BID40X08STL CMT CUP [TRANS FIX] |
| 12-3D | SP-365768E | PANEL REAR AS-P302(B,S) | 12-10 | ZS-308846 | T2BR30X08STL BZN PROJECTION |
| 12-4 | ZS-308846 | T2BR30X08STL BZN PROJECTION [REAR PANEL FIX] | 12-SW901 | *ES-349070 | SW SELECTOR YKS11-0002 02-4 [U] |
| 12-5 | *EW-363710 | AC CORD 200 KP211VFF B070 A J [J] | 12-T901 | *BT-366008 | TRANS POWER AS-P302T-10(J) |
| 12-5A | *EW-363841 | AC CORD 200 KP700VFF B070 A U/T [U] | 12-T901A | *BT-366007 | TRANS POWER AS-P302T-70(U) |
| 12-5B | *EW-363815 | AC CORD 200 KP-8WSPT2 B070 A UC [C,A] | 12-T901B | *BT-366009 | TRANS POWER AS-P302T-30(C) |
| 12-5C | *EW-363854 | AC CORD 200 KP419LTCE B070 A EV [E,V] | 12-T901C | *BT-366010 | TRANS POWER AS-P302T-20(A) |
| 12-5D | *EW-363867 | AC CORD 200 LTBS B070 A B [B] | 12-T901D | *BT-366011 | TRANS POWER AS-P302T-40(E,V) |
| | | | 12-T901E | *BT-366012 | TRANS POWER AS-P302T-50(B,S) |

PARTS LIST

FINAL ASSEMBLY BLOCK



13. FINAL ASSEMBLY BLOCK

| Ref. No. | Part No. | Description |
|----------|---------------|----------------------------|
| 13-1 | BD-A6003A050A | PANEL FRONT BLK AS-P302 |
| 13-1-B | BD-A6003A050B | PANEL FRONT BLK AS-P302-B |
| 13-2 | SK-343017C | KNOB POWER (2) |
| 13-2-B | SK-343017F | KNOB POWER-B |
| 13-3 | SK-363999 | KNOB EQ |
| 13-3-B | SK-363999B | KNOB EQ-B |
| 13-4 | SK-365781A | KNOB SURROUND |
| 13-4-B | SK-365781B | KNOB PUSH-B |
| 13-5 | SK-361876E | KNOB SELECTOR (B)-VCR1 |
| 13-5-B | SK-361876G | KNOB SELECTOR (B)-B VCR1 |
| 13-6 | SK-361876F | KNOB SELECTOR (B)-VCR2 |
| 13-6-B | SK-361876H | KNOB SELECTOR (B)-B VCR2 |
| 13-7 | SK-366381R | KNOB SELECTOR SOURCE |
| 13-7-B | SK-361870P | KNOB SELECTOR (A)-B SOURCE |
| 13-8 | SK-366381Q | KNOB SELECTOR TAPE |
| 13-8-B | SK-361870G | KNOB SELECTOR (A)-B TAPE |
| 13-9 | SK-361870M | KNOB SELECTOR (A)-V.AUX |
| 13-9-B | SK-361870Q | KNOB SELECTOR (A)-B V.AUX |
| 13-10 | SK-366381S | KNOB SELECTOR V.DISC |
| 13-10-B | SK-361870R | KNOB SELECTOR (A)-B V.DISC |
| 13-11 | SK-358477C | KNOB(C-3) |
| 13-11-B | SK-358477A | KNOB(C-1) |
| 13-12 | SP-356479 | COVER UPPER |
| 13-12-B | SP-356479B | COVER UPPER-B |
| 13-13X | EW-369331-A | CORD SAE-056 MINI-MINI/1M |
| 13-14X | AV-315170 | CORD RR-165 PIN-PIN/2P |

14. REMOTE CONTROL UNIT RC-P302

| Ref. No. | Part No. | Description |
|----------|------------|--|
| 14-1 | AX-362559 | REMOCON RC-P302N WIRELESS(T) [J] |
| 14-1A | AX-366022 | REMOCON RC-P302 WIRELESS(T) [U,C,A,E,V,B,S] |
| 14-1A-B | AX-362558 | REMOCON RC-P302-B WIRELESS(T) [U,C,A,E,V,B,S] |
| 14-IC1 | EI-749983 | IC UPD1943G |
| 14-TR1 | ET-318603 | TR 2SD545NP F |
| 14-D1 | ED-714631 | D LED TLN105A |
| 14-D3 | ED-7118039 | D SILICON DAN201 |
| 14-D4 | ED-7118039 | D SILICON DAN201 |
| 14-X1 | EI-749984 | OSC CE KBR455BAT 455KHZ |
| 14-2 | SC-718689 | COVER BATTERY |
| 14-2-B | SC-718690 | COVER BATTERY-B |

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

INDEX

MODEL AS-P202

| Part No. | Ref. No. | Part No. | Ref. No. | Part No. | Ref. No. | Part No. | Ref. No. |
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| AV-315170 | 9-12X | ED-366337 | 4-D7 | ES-349367 | 6-SW1 | SK-366381U | 9-6 |
| AX-369241 | 10-1 | ED-366337 | 4-D8 | ES-349367 | 6-SW2 | SP-361850A-A | 8-5 |
| AX-369242 | 10-1-B | ED-366337 | 4-D9 | ES-349367 | 6-SW3 | SP-361850B-A | 8-5-B |
| BA-A6004A020A | 2-1A | ED-366337 | 4-D10 | ES-349464 | 37 | SP-361851A-A | 8-6 |
| BA-A6004A020B | 2-1B | ED-366337 | 4-D11 | ES-349464 | 3-SW3 | SP-361851B-A | 8-6-B |
| BA-A6004A020C | 2-1C | ED-366337 | 4-D12 | ES-359172 | 39 | SP-369057A | 8-1A |
| BC-358993A | 9-10 | ED-366337 | 4-D13 | ES-359172 | 5-SW1 | SP-369057B | 8-1B |
| BC-358993G | 9-10-B | ED-366337 | 4-D14 | ES-359172 | 5-SW2 | SP-369057C | 8-1C |
| BD-A6004A050A | 9-1 | ED-366337 | 4-D15 | ES-359172 | 5-SW3 | SP-369057D | 8-1D |
| BD-A6004A050B | 9-1-B | ED-562397 | 4 | ES-359172 | 5-SW4 | ZG-369058 | 9-9X |
| BT-369237 | 3 | ED-562397 | 3-D22 | ES-359172 | 5-SW5 | ZG-369059 | 9-7X |
| BT-369237 | 8-T901A | ED-562397 | 3-D23 | ES-359172 | 7-SW1 | ZW-698308 | 8-4 |
| BT-369238 | 2 | ED-714631 | 6 | ES-359218 | 38 | | |
| BT-369238 | 8-T901B | ED-714631 | 10-D1 | ES-359218 | 3-SW1 | | |
| BT-369239 | 8-T901C | ED-718039 | 8 | ET-308141 | 50 | | |
| BT-369240 | 1 | ED-718039 | 10-D3 | ET-308141 | 3-TR4 | | |
| BT-369240 | 8-T901D | ED-718039 | 10-D4 | ET-308141 | 3-TR5 | | |
| EC-316186 | 3-C55 | EF-315334 | 20 | ET-308141 | 3-TR6 | | |
| EC-316186 | 3-C56 | EF-315334 | 3-F1B | ET-308141 | 3-TR7 | | |
| EC-316188 | 3-C61 | EF-321323 | 19 | ET-308141 | 3-TR8 | | |
| EC-316188 | 3-C62 | EF-321323 | 3-F1A | ET-308141 | 3-TR11 | | |
| EC-320548 | 3-C65 | EF-339902 | 18 | ET-308141 | 3-TR23 | | |
| EC-338411 | 3-C65A | EF-339902 | 3-F1C | ET-308472 | 46 | | |
| ED-300035 | 15 | EF-360723 | 17 | ET-308472 | 3-TR25 | | |
| ED-300035 | 3-D28 | EF-360723 | 3-F1D | ET-310148 | 53 | | |
| ED-300035 | 3-D29 | EH-369247 | 3-IB1 | ET-310148 | 3-TR21 | | |
| ED-301911 | 10 | EI-300042 | 29 | ET-318603 | 52 | | |
| ED-301911 | 3-D1 | EI-300042 | 3-IC11 | ET-318603 | 10-TR1 | | |
| ED-301911 | 3-D2 | EI-300042 | 3-IC15 | ET-322598 | 49 | | |
| ED-301911 | 3-D3 | EI-337013 | 25 | ET-322598 | 3-TR22 | | |
| ED-301911 | 3-D4 | EI-337013 | 3-IC9 | ET-348898 | 45 | | |
| ED-301911 | 3-D5 | EI-337228 | 27 | ET-348898 | 3-TR26 | | |
| ED-301911 | 3-D6 | EI-337228 | 3-IC5 | ET-349882 | 47 | | |
| ED-301911 | 3-D7 | EI-337228 | 3-IC6 | ET-349882 | 3-TR24 | | |
| ED-301911 | 3-D8 | EI-337228 | 3-IC16 | ET-354414 | 44 | | |
| ED-301911 | 3-D9 | EI-338171 | 26 | ET-354414 | 3-TR27 | | |
| ED-301911 | 3-D10 | EI-338171 | 3-IC14 | ET-360399 | 43 | | |
| ED-301911 | 3-D11 | EI-348409 | 33 | ET-360399 | 3-TR1 | | |
| ED-301911 | 3-D12 | EI-348409 | 3-X1 | ET-360399 | 3-TR2 | | |
| ED-301911 | 3-D13 | EI-349719 | 28 | ET-360399 | 3-TR3 | | |
| ED-301911 | 3-D14 | EI-349719 | 3-IC7 | ET-360399 | 3-TR9 | | |
| ED-301911 | 3-D15 | EI-351966 | 31 | ET-360399 | 3-TR10 | | |
| ED-301911 | 3-D16 | EI-351966 | 3-IC8 | ET-363953 | 40 | | |
| ED-301911 | 3-D17 | EI-354401 | 23 | ET-363953 | 4-TR1 | | |
| ED-301911 | 3-D25 | EI-354401 | 3-IC1 | ET-363953 | 4-TR2 | | |
| ED-301911 | 3-D38 | EI-354401 | 3-IC2 | ET-363953 | 4-TR3 | | |
| ED-306983 | 13 | EI-356370 | 24 | ET-364065 | 42 | | |
| ED-306983 | 3-D32 | EI-356370 | 3-IC13 | ET-364065 | 3-TR28 | | |
| ED-306983 | 3-D33 | EI-366013 | 30 | ET-366365 | 48 | | |
| ED-319167 | 16 | EI-366013 | 3-IC3 | ET-366365 | 3-TR18 | | |
| ED-319167 | 3-D30 | EI-366037 | 22 | ET-366365 | 3-TR20 | | |
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| ED-344280 | 4-D2 | EI-710037 | 34 | ET-369248 | 41 | | |
| ED-344280 | 4-D3 | EI-710037 | 10-X1 | ET-369248 | 3-TR12 | | |
| ED-344280 | 4-D4 | EI-749983 | 32 | ET-369248 | 3-TR13 | | |
| ED-344280 | 4-D5 | EI-749983 | 10-IC1 | ET-369248 | 3-TR14 | | |
| ED-344280 | 4-D6 | EJ-346248 | 8-3A | ET-369248 | 3-TR15 | | |
| ED-346638 | 14 | EJ-349174 | 8-3B | ET-369248 | 3-TR16 | | |
| ED-346638 | 3-D26 | EJ-356651 | 3-J3 | EW-363793 | 8-2B | | |
| ED-349662 | 9 | EJ-366021 | 3-J8 | EW-363845 | 8-2A | | |
| ED-349662 | 3-D34 | EJ-366329 | 3-P1 | EW-363859 | 8-2C | | |
| ED-349662 | 3-D35 | EJ-366331 | 3-P3 | EW-363873 | 8-2D | | |
| ED-349662 | 3-D36 | EJ-366338 | 4-TM1 | EW-363886 | 8-2E | | |
| ED-349662 | 3-D37 | EJ-369243 | 3-P4 | EW-369331-A | 9-11X | | |
| ED-360409 | 7 | EJ-369321 | 3-J2 | EZ-358816 | 3-BT1 | | |
| ED-360409 | 3-D27 | EJ-370283 | 3-P2 | SC-718689 | 10-2 | | |
| ED-361885 | 5 | EJ-330719 | 3-L1 | SC-718690 | 10-2-B | | |
| ED-361885 | 5-D1 | EQ-347611 | 35 | SK-343017C | 9-8 | | |
| ED-361885 | 5-D2 | EQ-347611 | 3-RL1 | SK-343017F | 9-8-B | | |
| ED-361885 | 5-D3 | ER-302241 | 3-R111 | SK-361870G | 9-3-B | | |
| ED-361885 | 5-D4 | ER-302241 | 3-R112 | SK-361870P | 9-2-B | | |
| ED-361885 | 5-D5 | ER-318647 | 36 | SK-361870R | 9-4-B | | |
| ED-361885 | 5-D6 | ER-318647 | 3-FR1 | SK-366381B | 9-5-B | | |
| ED-361885 | 5-D7 | ER-318647 | 3-FR2 | SK-366381C | 9-6-B | | |
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| BA-A6005A020A | 2-1A | ET-347961 | 28 | | | | |
| BA-A6005A020C | 2-1B | ET-347961 | 3-TR21 | | | | |
| BA-A6005A020D | 2-1C | ET-349606 | 26 | | | | |
| BA-A6005A020E | 2-1D | ET-349606 | 3-TR2 | | | | |
| BC-358993A | 8-14 | ET-349606 | 3-TR3 | | | | |
| BC-358993G | 8-14-B | ET-349606 | 3-TR7 | | | | |
| BD-A6005A030A | 8-1A | ET-349606 | 3-TR8 | | | | |
| BD-A6005A030B | 8-1A-B | ET-349606 | 3-TR10 | | | | |
| BT-369314 | 3 | ET-349725 | 22 | | | | |
| BT-369314 | 5-T901A | ET-349725 | 3-TR1 | | | | |
| BT-369316 | 1 | ET-349725 | 3-TR6 | | | | |
| BT-369316 | 5-T901B | ET-349725 | 3-TR9 | | | | |
| BT-369317 | 2 | ET-350795 | 27 | | | | |
| BT-369317 | 5-T901C | ET-350795 | 3-TR24 | | | | |
| EC-316188 | 3-C51 | ET-350795 | 3-TR25 | | | | |
| EC-316188 | 3-C52 | ET-360646 | 20 | | | | |
| ED-301911 | 6 | ET-360646 | 3-TR26 | | | | |
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| ED-301911 | 3-D3 | ET-364060 | 3-TR16 | | | | |
| ED-301911 | 3-D8 | ET-364060 | 3-TR17 | | | | |
| ED-324526 | 7 | ET-364093 | 21 | | | | |
| ED-324526 | 3-D4 | ET-364093 | 3-TR13 | | | | |
| ED-324526 | 3-D5 | ET-366365 | 23 | | | | |
| ED-345555 | 4 | ET-366365 | 3-TR12 | | | | |
| ED-345555 | 5-D101 | ET-366581 | 29 | | | | |
| ED-346461 | 8 | ET-366581 | 3-TR11 | | | | |
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| ED-346461 | 3-D7 | EV-338588 | 3-VR1 | | | | |
| ED-349662 | 3-D1 | EV-369327 | 30 | | | | |
| ED-361885 | 5 | EV-369327 | 6-VR201 | | | | |
| ED-361885 | 4-D301 | EW-363658 | 7-3A | | | | |
| ED-361885 | 4-D302 | EW-363671 | 7-3C | | | | |
| ED-361885 | 4-D303 | EW-363683 | 7-3D | | | | |
| ED-361885 | 4-D304 | EW-363697 | 7-3E | | | | |
| ED-361885 | 4-D305 | EW-363734 | 7-3B | | | | |
| ED-361885 | 4-D306 | SK-343017C | 8-8 | | | | |
| ED-361885 | 4-D307 | SK-343017F | 8-8-B | | | | |
| EF-306088 | 12 | SK-361870G | 8-6-B | | | | |
| EF-306088 | 5-F101B | SK-366381E | 8-2 | | | | |
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| EF-365409 | 5-F102D | SK-369277B | 8-10-B | | | | |
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| EI-337228 | 3-IC3 | SP-361850B-A | 8-12-B | | | | |
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| EI-369328 | 3-IC4 | SP-369071A | 7-1A | | | | |
| EJ-336905 | 3-J1 | SP-369071C | 7-1B | | | | |
| EJ-336905 | 3-J2 | SP-369071D | 7-1C | | | | |
| EJ-369321 | 3-P1 | SP-369071E | 7-1D | | | | |
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| EQ-369318 | 3-RL1 | ZG-369059 | 8-7X | | | | |
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| ES-369319 | 18 | | | | | | |
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| ET-308141 | 3-TR18 | | | | | | |
| ET-308141 | 3-TR19 | | | | | | |
| ET-308141 | 3-TR20 | | | | | | |
| ET-308141 | 3-TR23 | | | | | | |
| ET-308141 | 3-TR27 | | | | | | |

MODEL AS-P302

| Part No. | Ref. No. | Part No. | Ref. No. | Part No. | Ref. No. | Part No. | Ref. No. |
|---------------|----------|-----------|----------|-----------|----------|-----------|----------|
| AV-315170 | 13-14X | ED-344280 | 3-D31 | EI-349719 | 3-IC6 | ER-345751 | 3-FR5 |
| AX-362558 | 14-1A-B | ED-344280 | 3-D33 | EI-349719 | 3-IC7 | ER-349424 | 53 |
| AX-362559 | 14-1 | ED-344280 | 3-D34 | EI-349719 | 3-IC9 | ER-349424 | 3-FR4 |
| AX-366022 | 14-1A | ED-344280 | 3-D35 | EI-349719 | 3-IC12 | ER-363514 | 3-R90A |
| BA-A6003A020A | 2-1A | ED-346415 | 19 | EI-349719 | 3-IC14 | ER-365312 | 3-R90 |
| BA-A6003A020B | 2-1 | ED-346415 | 6-D5 | EI-349719 | 3-IC15 | ES-349070 | 58 |
| BA-A6003A020C | 2-1B | ED-346607 | 23 | EI-349719 | 4-IC1 | ES-349070 | 12-SW901 |
| BA-A6003A020D | 2-1C | ED-346607 | 3-D13 | EI-349719 | 4-IC2 | ES-349474 | 59 |
| BA-A6003A020E | 2-1D | ED-346607 | 3-D14 | EI-349719 | 4-IC3 | ES-349474 | 5-SW2 |
| BA-A6003A030A | 2-2 | ED-348990 | 15 | EI-349719 | 4-IC7 | ES-349474 | 5-SW3 |
| BA-A6003A030B | 2-2A | ED-348990 | 3-D15 | EI-349719 | 11-IC1 | ES-349474 | 5-SW4 |
| BA-A6003A040A | 2-3 | ED-358087 | 11 | EI-351966 | 44 | ES-349474 | 5-SW5 |
| BD-A6003A050A | 13-1 | ED-358087 | 10-D1 | EI-351966 | 45 | ES-349474 | 5-SW6 |
| BD-A6003A050B | 13-1-B | ED-360409 | 14 | EI-351966 | 3-IC8 | ES-349474 | 5-SW7 |
| BT-366007 | 6 | ED-360409 | 5-D1 | EI-351966 | 3-IC11 | ES-349474 | 5-SW8 |
| BT-366007 | 12-T901A | ED-361885 | 12 | EI-354401 | 32 | ES-349474 | 5-SW9 |
| BT-366008 | 1 | ED-361885 | 5-D8 | EI-354401 | 3-IC1 | ES-349474 | 5-SW10 |
| BT-366008 | 12-T901 | ED-361885 | 5-D9 | EI-354401 | 3-IC2 | ES-349474 | 5-SW11 |
| BT-366009 | 3 | ED-361885 | 5-D10 | EI-354401 | 3-IC3 | ES-349474 | 5-SW12 |
| BT-366009 | 12-T901B | ED-361885 | 5-D11 | EI-356370 | 33 | ES-349474 | 5-SW13 |
| BT-366010 | 2 | ED-361885 | 5-D12 | EI-356370 | 5-IC1 | ES-349474 | 5-SW14 |
| BT-366010 | 12-T901C | ED-361885 | 5-D13 | EI-360227 | 35 | ES-359172 | 60 |
| BT-366011 | 4 | ED-366020 | 9 | EI-360227 | 4-IC4 | ES-359172 | 10-SW1 |
| BT-366011 | 12-T901D | ED-366020 | 5-D14 | EI-360228 | 36 | ES-366019 | 61 |
| BT-366012 | 5 | ED-366020 | 5-D15 | EI-360228 | 4-IC5 | ES-366019 | 3-SW1 |
| BT-366012 | 12-T901E | ED-366020 | 5-D16 | EI-366013 | 43 | ET-308141 | 68 |
| EC-320548 | 7-C1 | ED-366020 | 5-D17 | EI-366013 | 3-IC5 | ET-308141 | 3-TR1 |
| EC-326583 | 3-C42 | ED-366020 | 5-D18 | EI-366014 | 30 | ET-308141 | 3-TR2 |
| EC-338411 | 7-C1 | ED-366020 | 5-D22 | EI-366014 | 3-IC13 | ET-308141 | 3-TR3 |
| EC-350765 | 3-C34 | ED-366020 | 5-D23 | EI-366037 | 6-IC2 | ET-308141 | 3-TR5 |
| EC-350765 | 3-C35 | ED-366023 | 10 | EI-366037 | 6-IC3 | ET-308141 | 3-TR7 |
| ED-200213 | 7 | ED-366023 | 5-D2 | EI-366038 | 41 | ET-308141 | 3-TR10 |
| ED-200213 | 3-D11 | ED-366023 | 5-D3 | EI-366038 | 4-IC6 | ET-308141 | 3-TR11 |
| ED-301911 | 16 | ED-366023 | 5-D4 | EI-370312 | 31 | ET-308141 | 3-TR12 |
| ED-301911 | 3-D3 | ED-366023 | 5-D5 | EI-370312 | 6-IC1 | ET-308141 | 3-TR13 |
| ED-301911 | 3-D19 | ED-366023 | 5-D6 | EI-749983 | 46 | ET-308141 | 3-TR14 |
| ED-301911 | 3-D22 | ED-366023 | 5-D7 | EI-749983 | 14-IC1 | ET-308141 | 3-TR15 |
| ED-301911 | 3-D23 | ED-366023 | 5-D19 | EI-749984 | 48 | ET-308141 | 3-TR16 |
| ED-301911 | 3-D27 | ED-366023 | 5-D20 | EI-749984 | 14-X1 | ET-308141 | 3-TR18 |
| ED-301911 | 3-D28 | ED-366023 | 5-D21 | EJ-336905 | 3-P9 | ET-308141 | 3-TR21 |
| ED-301911 | 3-D32 | ED-562397 | 8 | EJ-336905 | 3-P10 | ET-308141 | 3-TR22 |
| ED-301911 | 6-D4 | ED-562397 | 6-D1 | EJ-346248 | 12-6 | ET-308141 | 3-TR29 |
| ED-301911 | 6-D6 | ED-562397 | 6-D2 | EJ-349174 | 12-6A | ET-308141 | 3-TR30A |
| ED-301911 | 6-D7 | ED-714631 | 13 | EJ-356651 | 3-P1 | ET-308141 | 3-TR31A |
| ED-301911 | 6-D8 | ED-714631 | 14-D1 | EJ-359264 | 3-TM1 | ET-308141 | 3-TR32A |
| ED-301911 | 6-D9 | ED-718039 | 14-D3 | EJ-366021 | 9-J1 | ET-308141 | 3-TR33A |
| ED-301911 | 6-D10 | ED-718039 | 14-D4 | EJ-366032 | 8-P8 | ET-308141 | 5-T2 |
| ED-301911 | 6-D11 | EF-306950 | 27 | EJ-366034 | 3-P2 | ET-308141 | 5-TR3 |
| ED-301911 | 6-D12 | EF-306950 | 3-F3 | EJ-366035 | 3-P3 | ET-308141 | 6-TR1 |
| ED-301911 | 6-D13 | EF-306954 | 29 | EJ-366035 | 3-P4 | ET-308141 | 6-TR2 |
| ED-301911 | 6-D14 | EF-306954 | 3-F1A | EJ-366035 | 3-P5 | ET-308141 | 6-TR3 |
| ED-301911 | 6-D15 | EF-308847 | 28 | EJ-366035 | 3-P6 | ET-308141 | 6-TR4 |
| ED-301911 | 6-D16 | EF-308847 | 3-F2A | EJ-366035 | 3-P7 | ET-308472 | 65 |
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| ED-301911 | 6-D18 | EF-311839 | 26 | EO-337880 | 3-L1 | ET-308472 | 6-TR5 |
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| ED-306320 | 3-D4 | EF-355226 | 24 | EQ-337159 | 51 | ET-318603 | 71 |
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| ED-319167 | 3-D8 | EF-623103 | 3-F2B | ER-200972 | 54 | ET-344176 | 3-TR26 |
| ED-329056 | 20 | EF-623103 | 3-F3B | ER-200972 | 3-FR6 | ET-347026 | 3-TR25 |
| ED-329056 | 3-D10 | EH-370493 | 6-IB1 | ER-200972 | 3-FR7 | ET-349882 | 66 |
| ED-344280 | 17 | EI-300042 | 39 | ER-311685 | 3-R81 | ET-349882 | 3-TR23 |
| ED-344280 | 3-D1 | EI-300042 | 40 | ER-311685 | 3-R82 | ET-349883 | 69 |
| ED-344280 | 3-D2 | EI-300042 | 5-IC2 | ER-318248 | 55 | ET-349883 | 3-TR20 |
| ED-344280 | 3-D9 | EI-300042 | 6-IC4 | ER-318248 | 3-FR8 | ET-354414 | 63 |
| ED-344280 | 3-D16 | EI-300042 | 6-IC5 | ER-323074 | 3-R100 | ET-354414 | 3-TR17 |
| ED-344280 | 3-D17 | EI-332259 | 42 | ER-323074 | 3-R101 | ET-354414 | 3-TR19 |
| ED-344280 | 3-D18 | EI-332259 | 3-IC10 | ER-324935 | 3-R85 | ET-370310 | 64 |
| ED-344280 | 3-D20 | EI-337013 | 34 | ER-324935 | 4-R31 | ET-370310 | 3-TR30 |
| ED-344280 | 3-D21 | EI-337013 | 6-IC6 | ER-328278 | 56 | ET-370310 | 3-TR31 |
| ED-344280 | 3-D24 | EI-348409 | 47 | ER-328278 | 3-FR2 | ET-370310 | 3-TR32 |
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| ED-344280 | 3-D30 | EI-349719 | 38 | ER-345751 | 52 | EV-358539 | 74 |

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|-------------|----------|----------|----------|----------|----------|----------|----------|
| EV-358539 | 5-VR1 | | | | | | |
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| EW-363854 | 12-5C | | | | | | |
| EW-363867 | 12-5D | | | | | | |
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| EW-369331-A | 13-13X | | | | | | |
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| ZS-498273 | 12-8 | | | | | | |
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AKAI

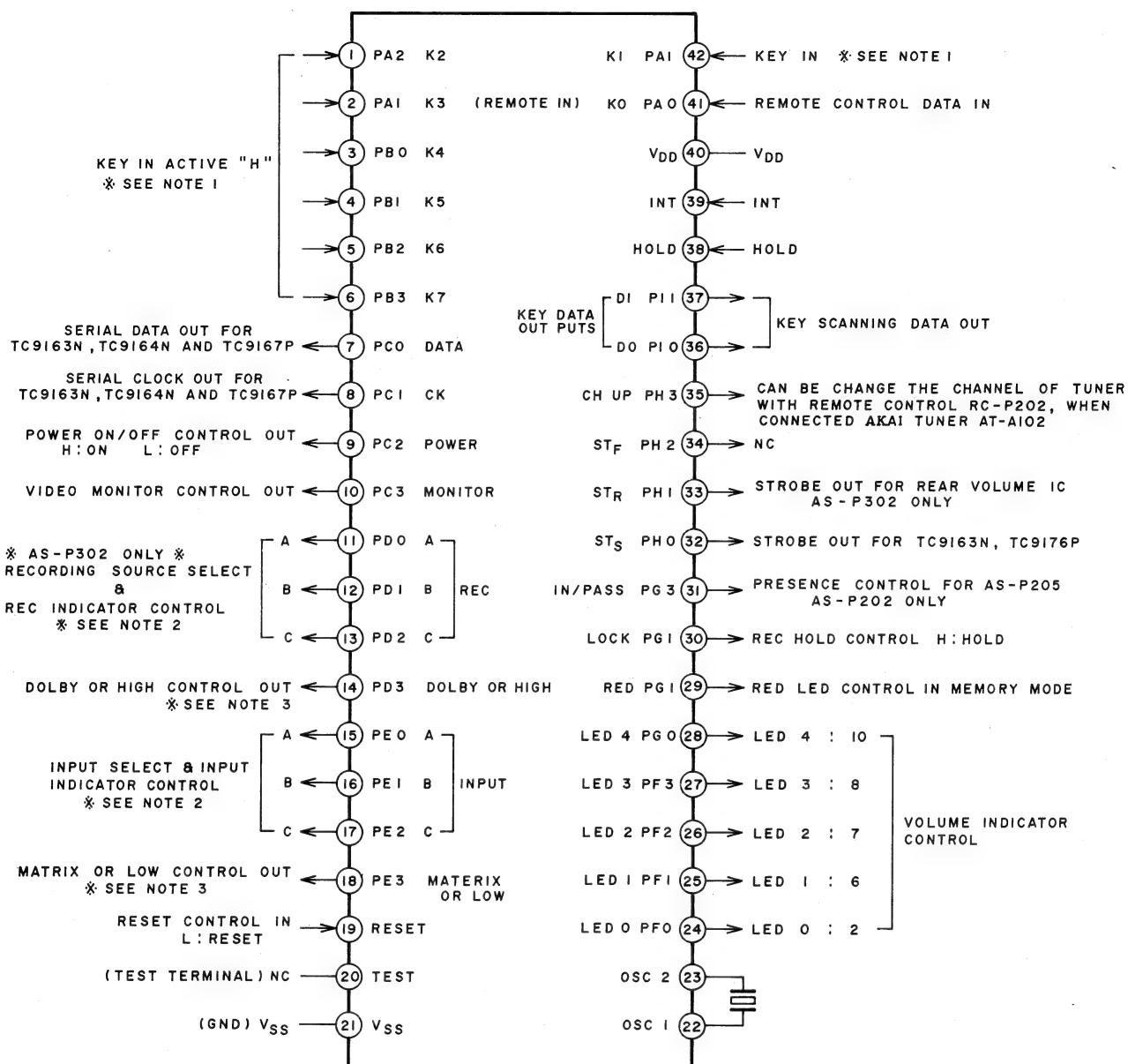
MODEL AS-P202/P205/P302

SCHEMATIC DIAGRAM AND PC BOARDS

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A6003 (SYSTEM CONTROL CPU 1 CHIP 4BITS)



* Note 1 INPUT KEY

| Pin No. | AS-P202 | AS-P302 |
|---------|---------------|----------------------|
| 1 | MUTE | V. AUX, SURROUND |
| 2 | VOLUME DOWN | SOURCE, MATRIX |
| 3 | VOLUME UP | VOLUME UP, OFF |
| 4 | VCR 1, SOURCE | VOLUME DOWN, VCR 1 |
| 5 | TAPE | MUTE, TAPE |
| 6 | VCR 2, V.DISC | LOCK, VCR 2 |
| 42 | POWER | POWER, V.DISC, RESET |

* Note 3
AS-P202

| MODE OUTPUT | HIGH | LOW | OFF |
|----------------|------|-----|-----|
| HIGH Pin ⑭ | H | L | L |
| LOW Pin ⑯ | L | H | L |

AS-P302

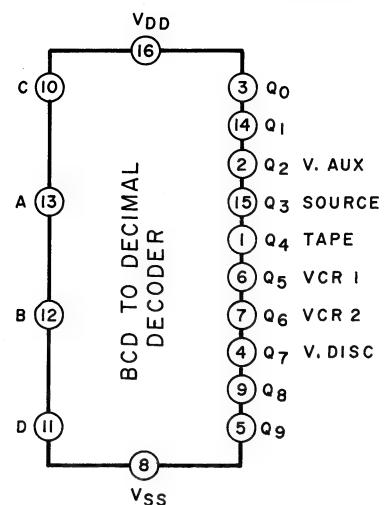
| MODE OUTPUT | PRESENCE (1) | PRESENCE (2) | OFF |
|-------------------------|-----------------|-----------------|-----|
| SURROUND DOLBY Pin ⑭ | H | L | L |
| MATRIX Pin ⑯ | L | H | L |
| | | | |

* Note 2

TRUTH TABLE

| A | B | C | MODE |
|---|---|---|---------|
| 1 | 0 | 1 | SOURCE |
| 0 | 1 | 0 | TAPE |
| 1 | 1 | 1 | V. DISC |
| 0 | 1 | 1 | VCR 1 |
| 1 | 1 | 0 | VCR 2 |

BU4028B (BCD TO DECIMAL DECODER)

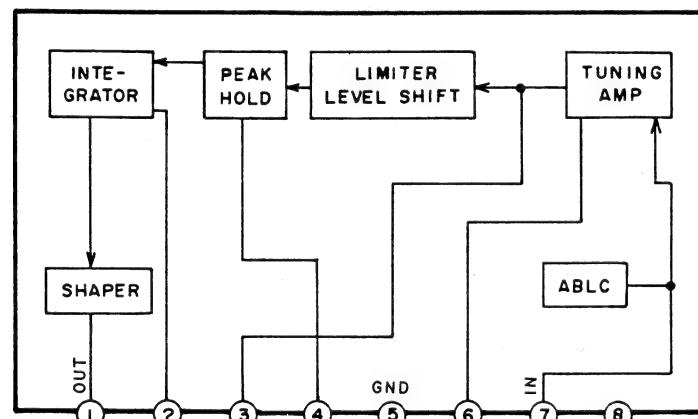


TRUTH TABLE

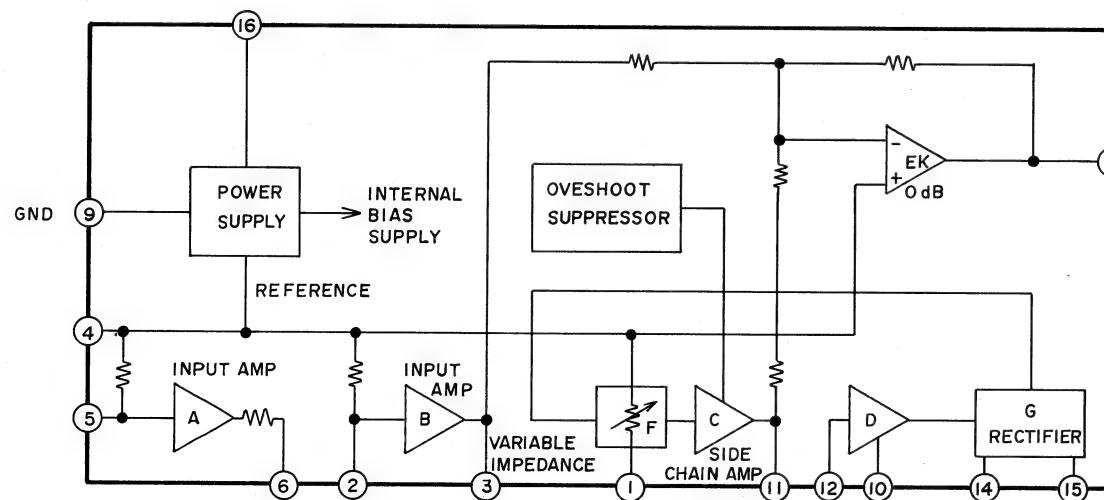
| INPUTS | | | | SELECT OUTPUT "H" |
|--------|---|---|---|-------------------|
| D | C | B | A | |
| L | L | L | L | Q ₀ |
| L | H | L | L | Q ₁ |
| L | L | L | H | Q ₂ |
| L | H | L | H | Q ₃ |
| L | L | H | L | Q ₄ |
| L | H | H | L | Q ₅ |
| L | L | H | H | Q ₆ |
| L | H | H | H | Q ₇ |
| H | L | * | * | Q ₈ |
| H | H | * | * | Q ₉ |

*: DON'T CARE

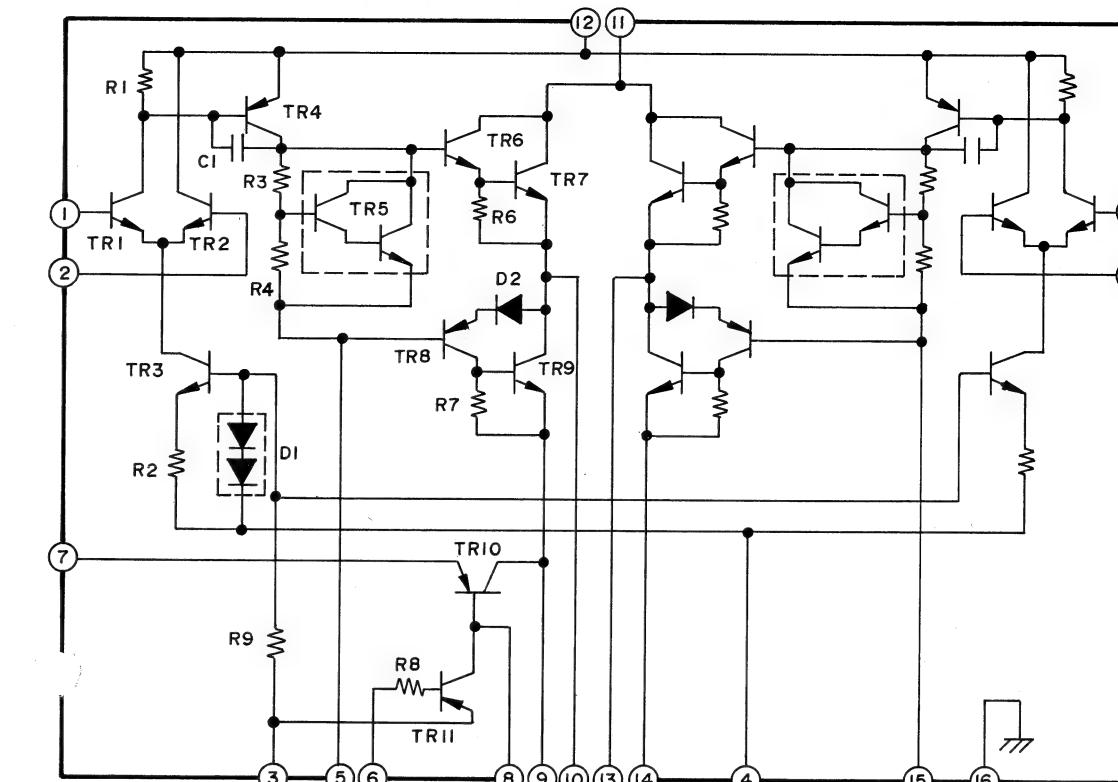
LA7224 (REMOTE CONTROL SIGNAL RECEIVER/AMPLIFIER)



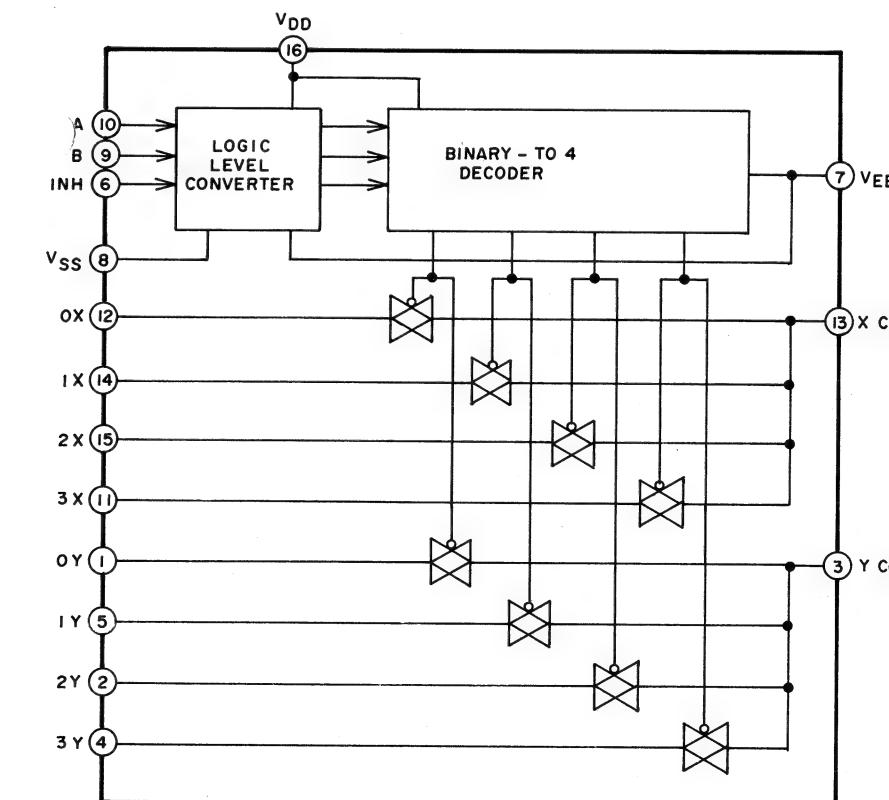
NE645 (DOLBY NOISE REDUCTION)



STK4131 II (2 POWER 2 CHANNEL AF POWER AMP)



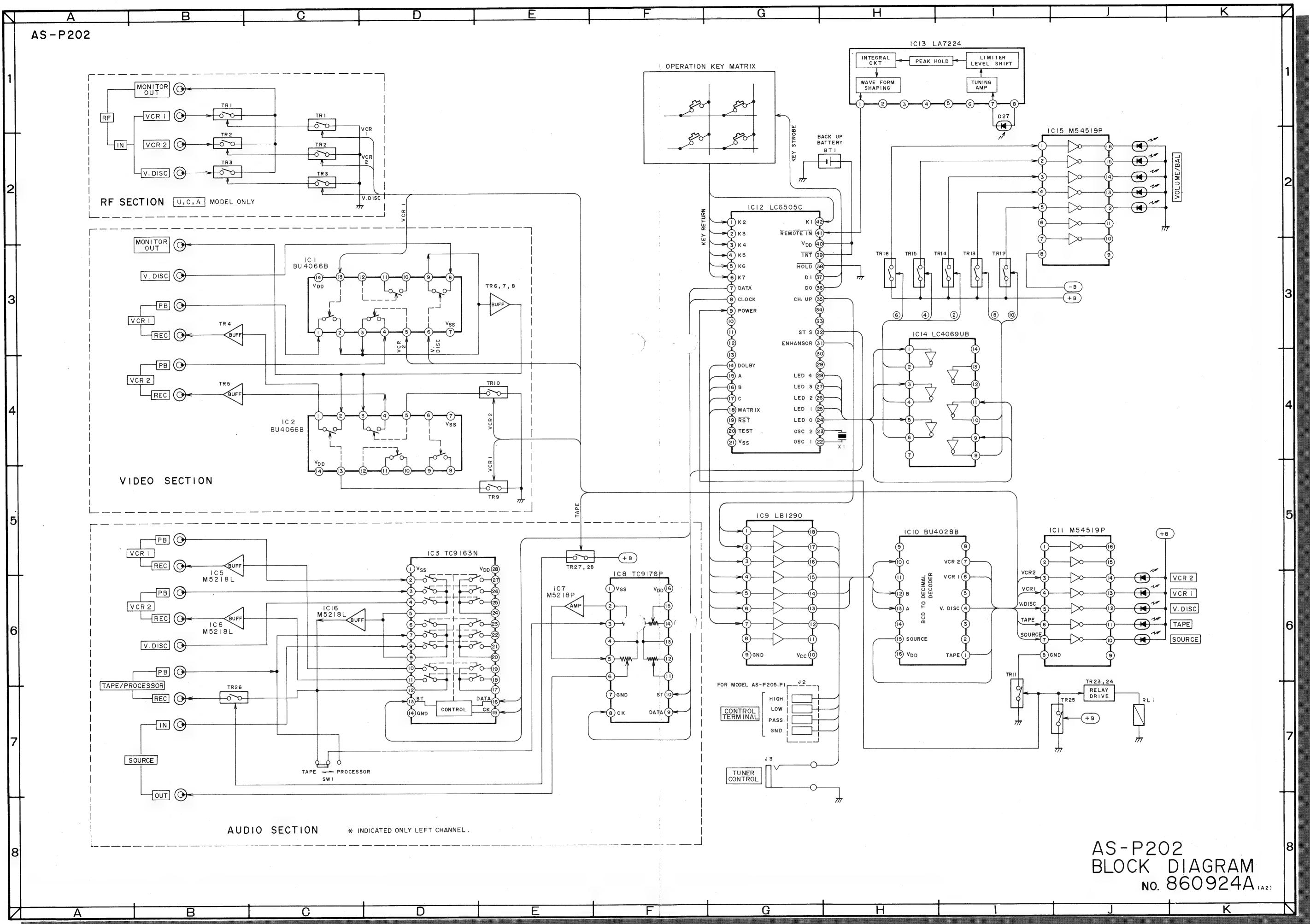
TC4052BP (DIFFERENTIAL 4 CHANNEL MULTIPLEXER/DEMULTIPLEXER)

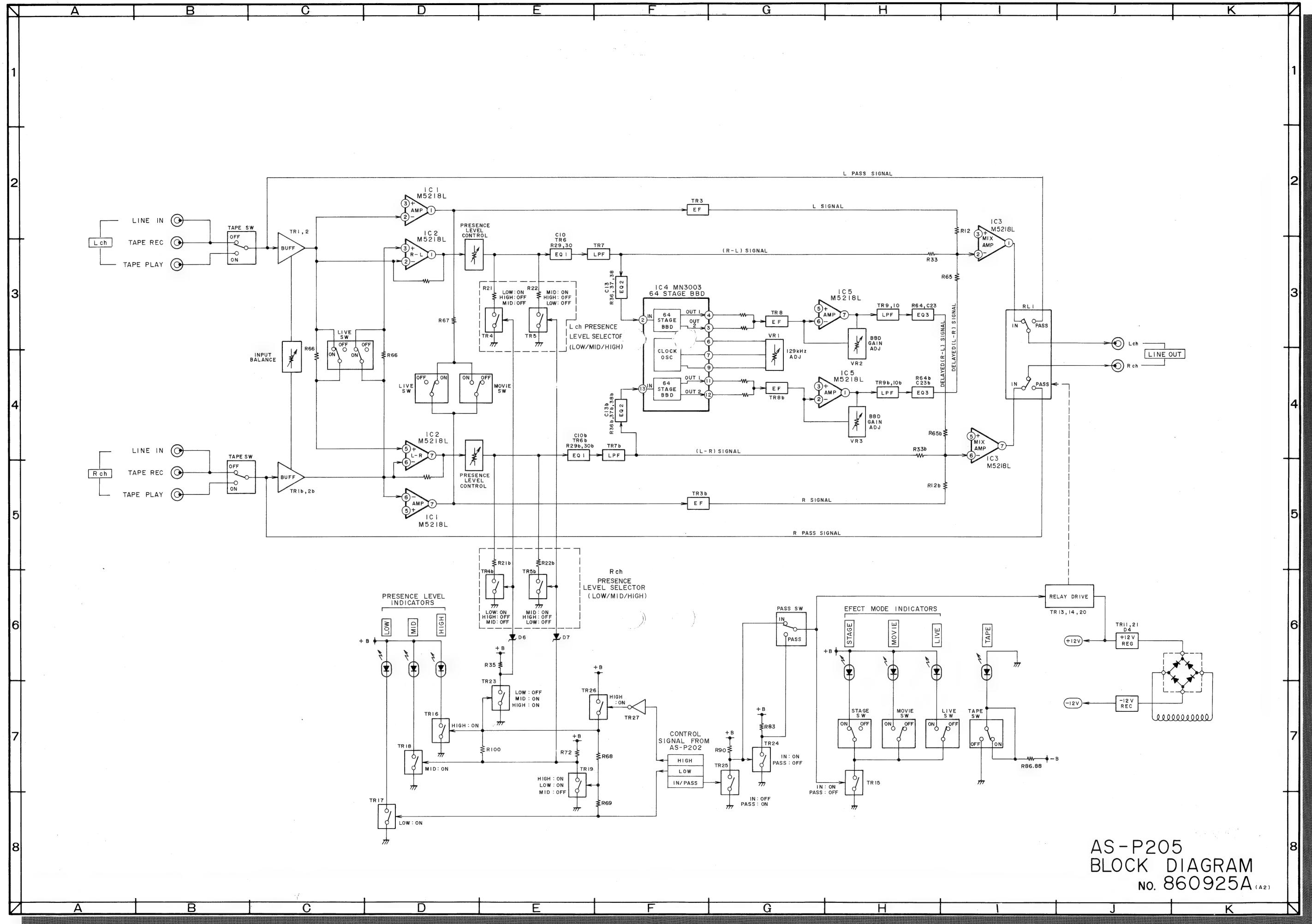


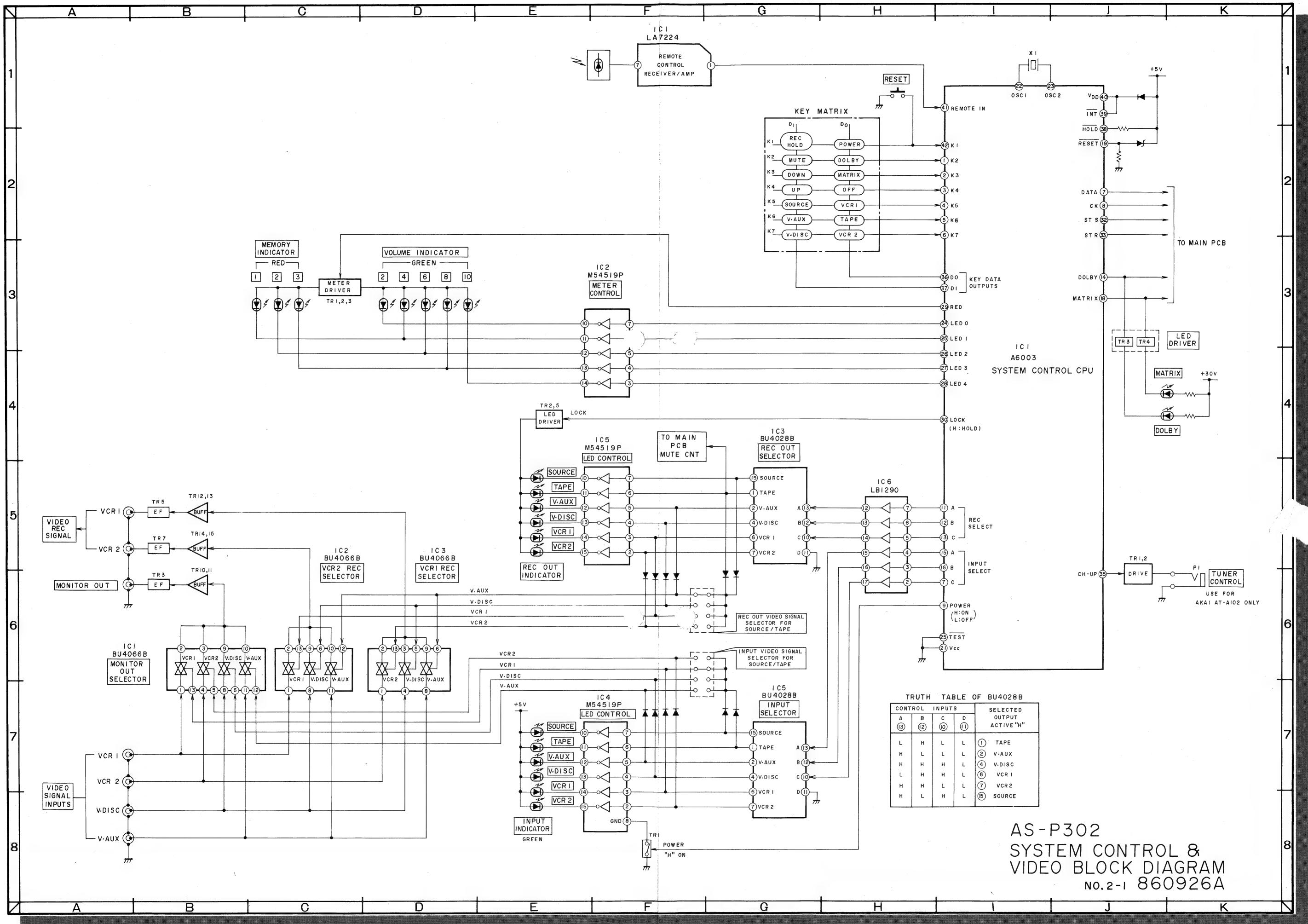
TRUTH TABLE

| CONTROL INPUTS | | | "ON" CHANNEL |
|----------------|---|---|--------------|
| INH | A | B | |
| L | L | L | 0X, 0Y |
| L | H | L | 1X, 1Y |
| L | L | H | 2X, 2Y |
| L | H | H | 3X, 3Y |
| H | * | * | NOTE |

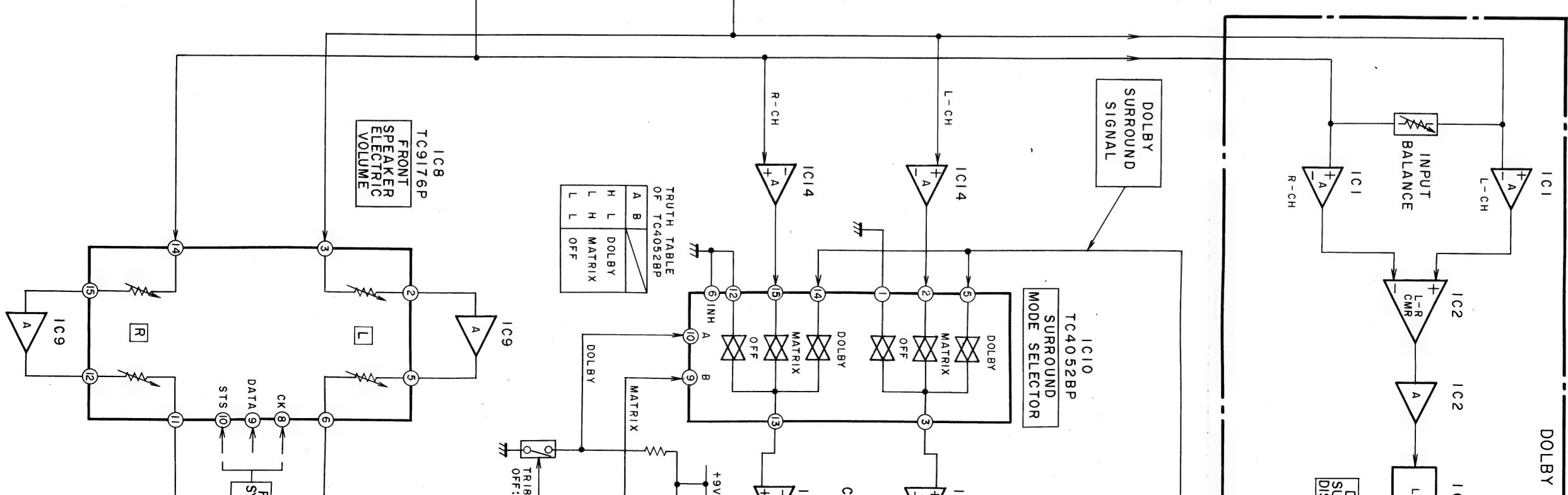
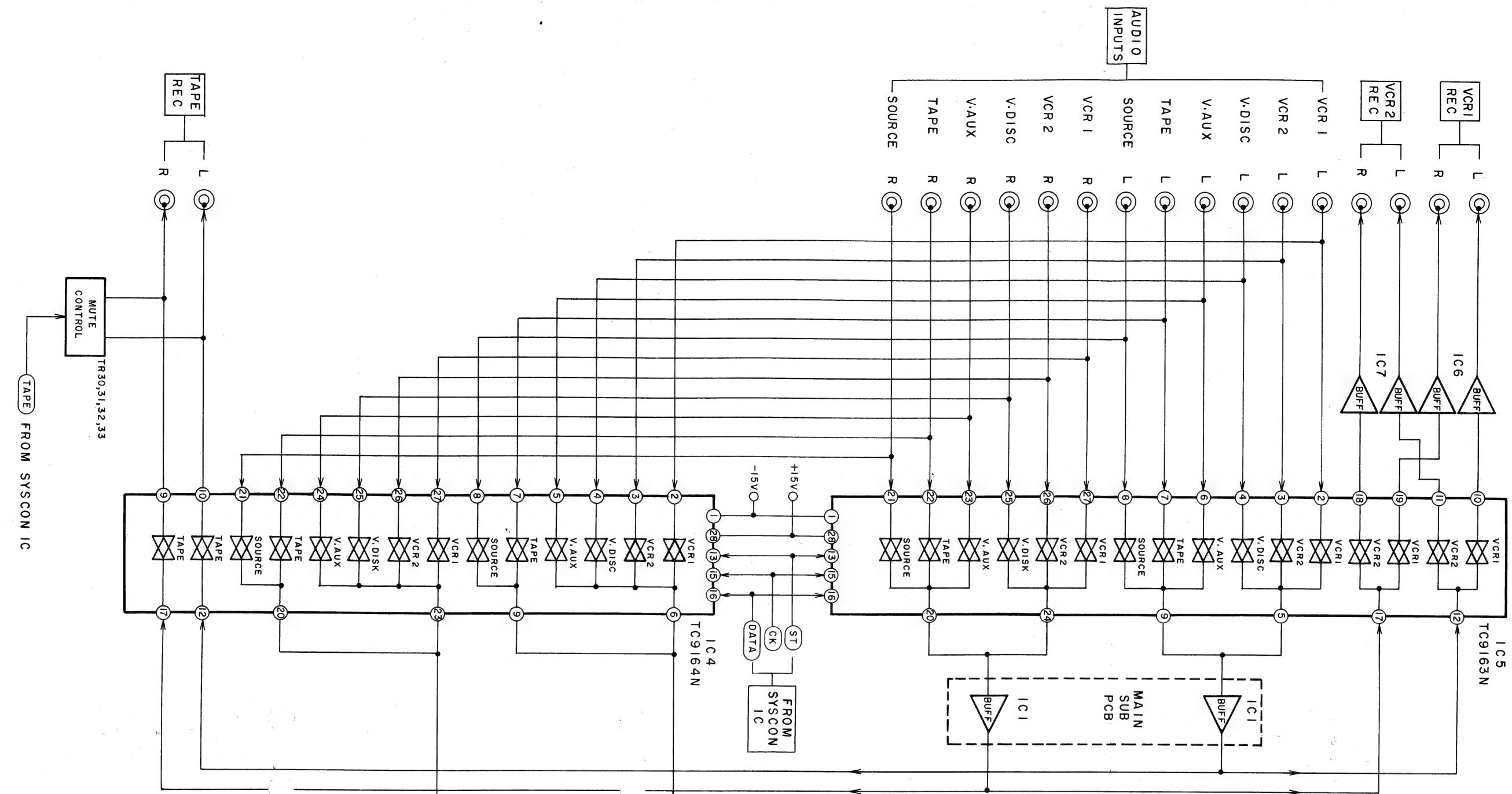
* don't care



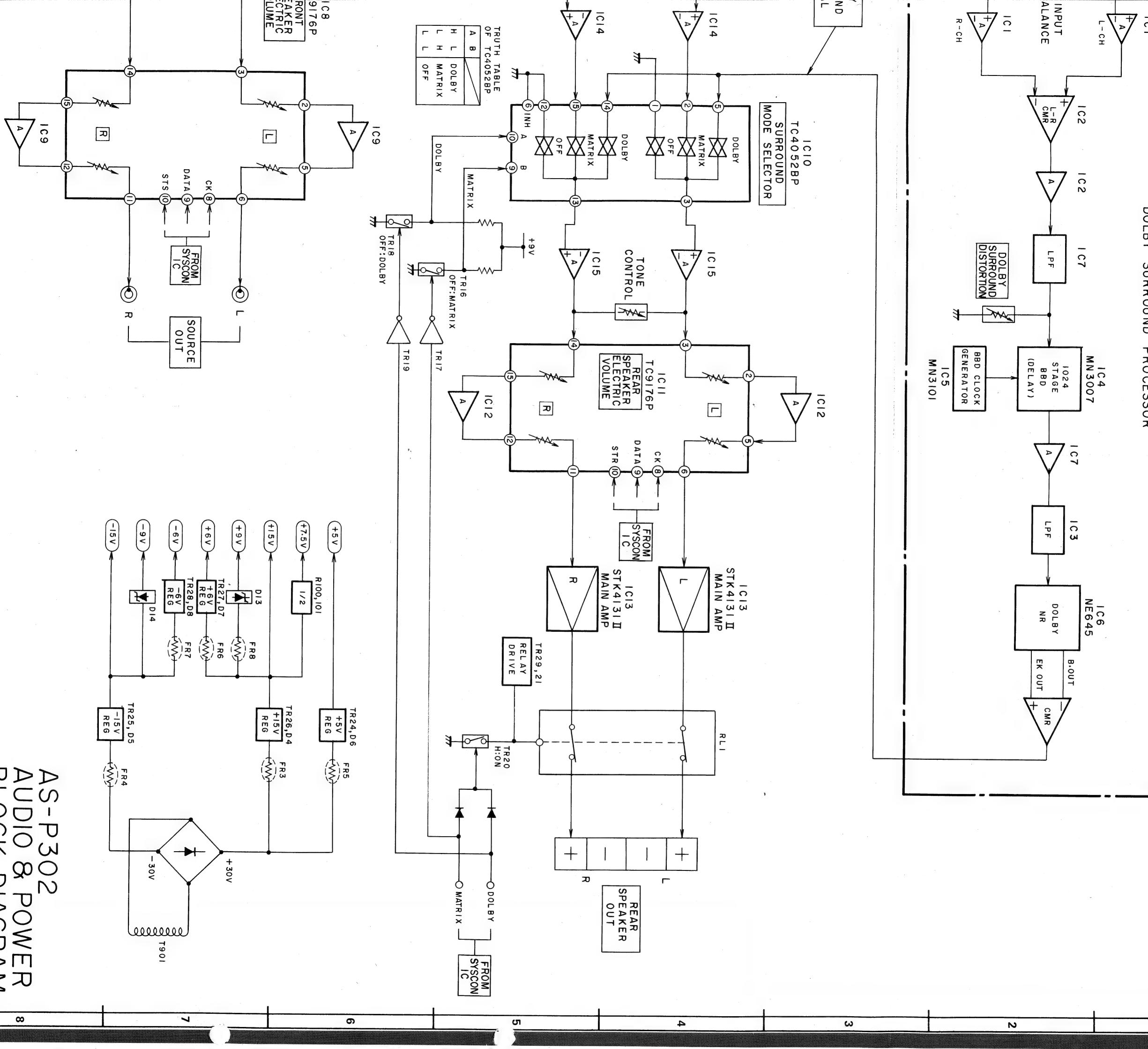




AS-P302
SYSTEM CONTROL &
VIDEO BLOCK DIAGRAM
NO.2-1 860926A



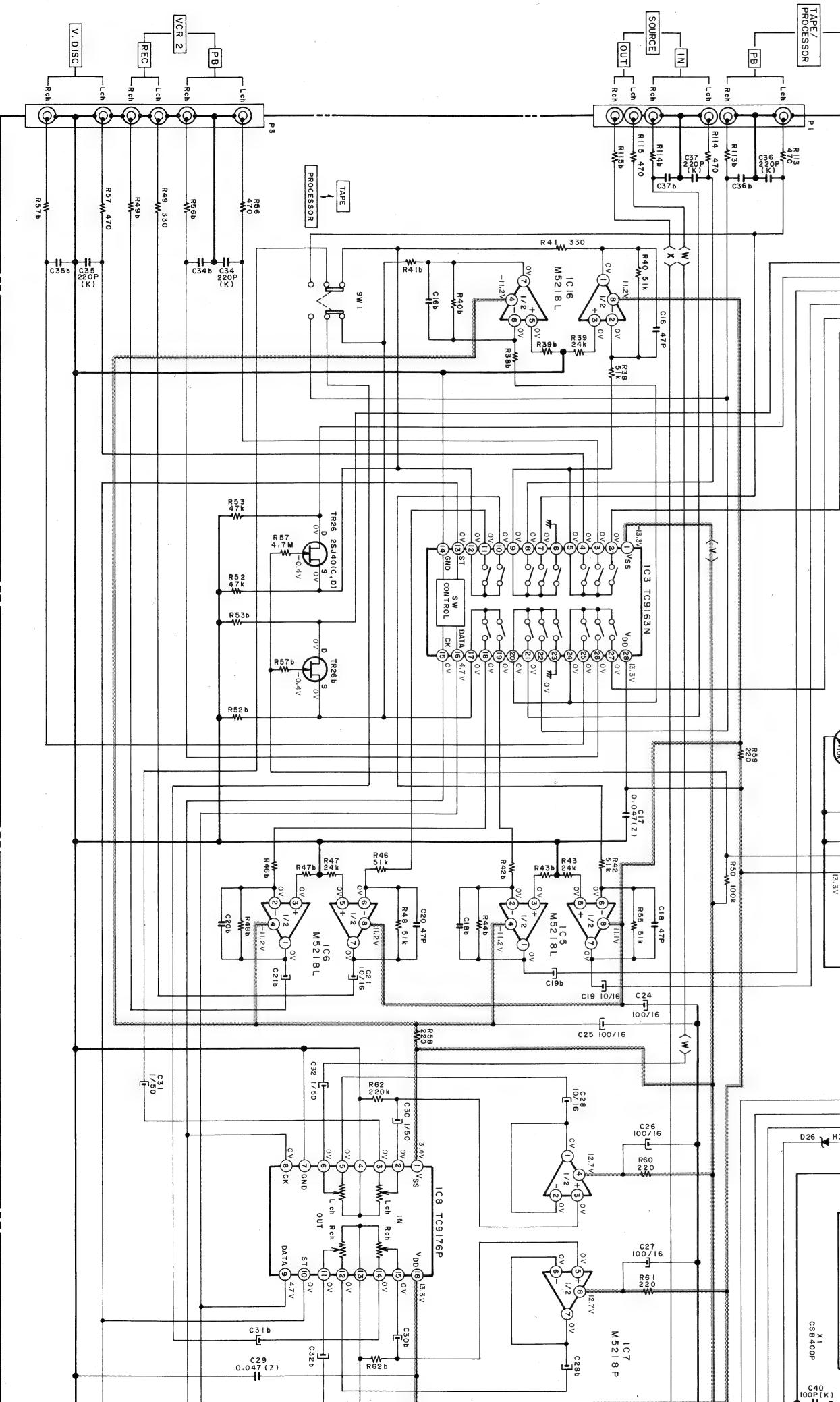
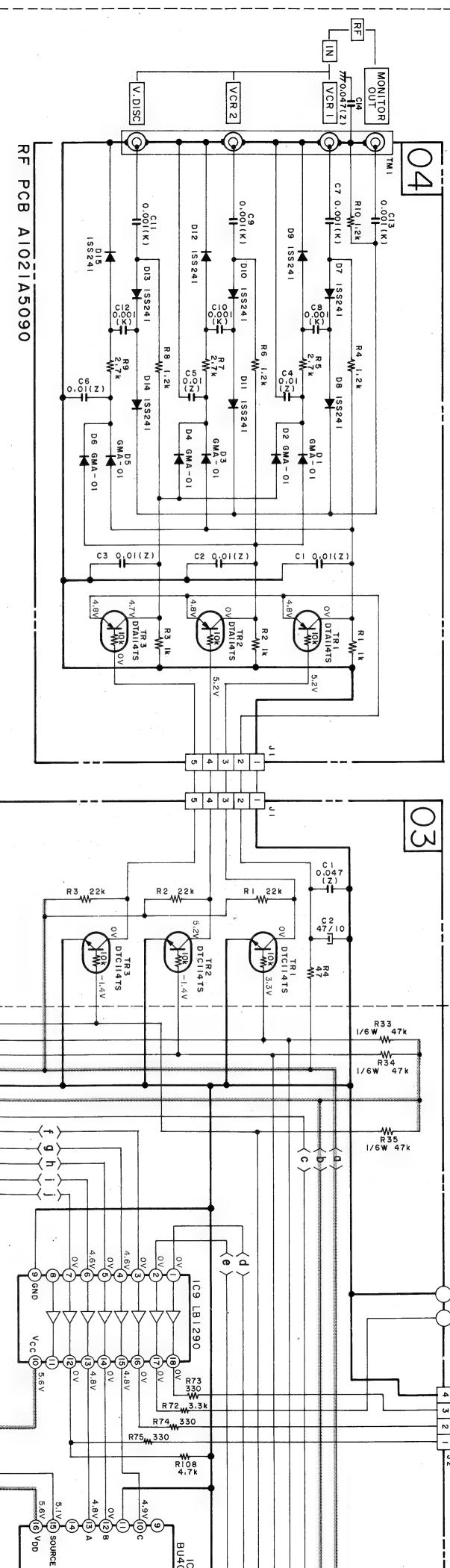
AS-P302
AUDIO & POWER
BLOCK DIAGRAM
NO.2-2 860927A



U.C.A. MODEL ONLY

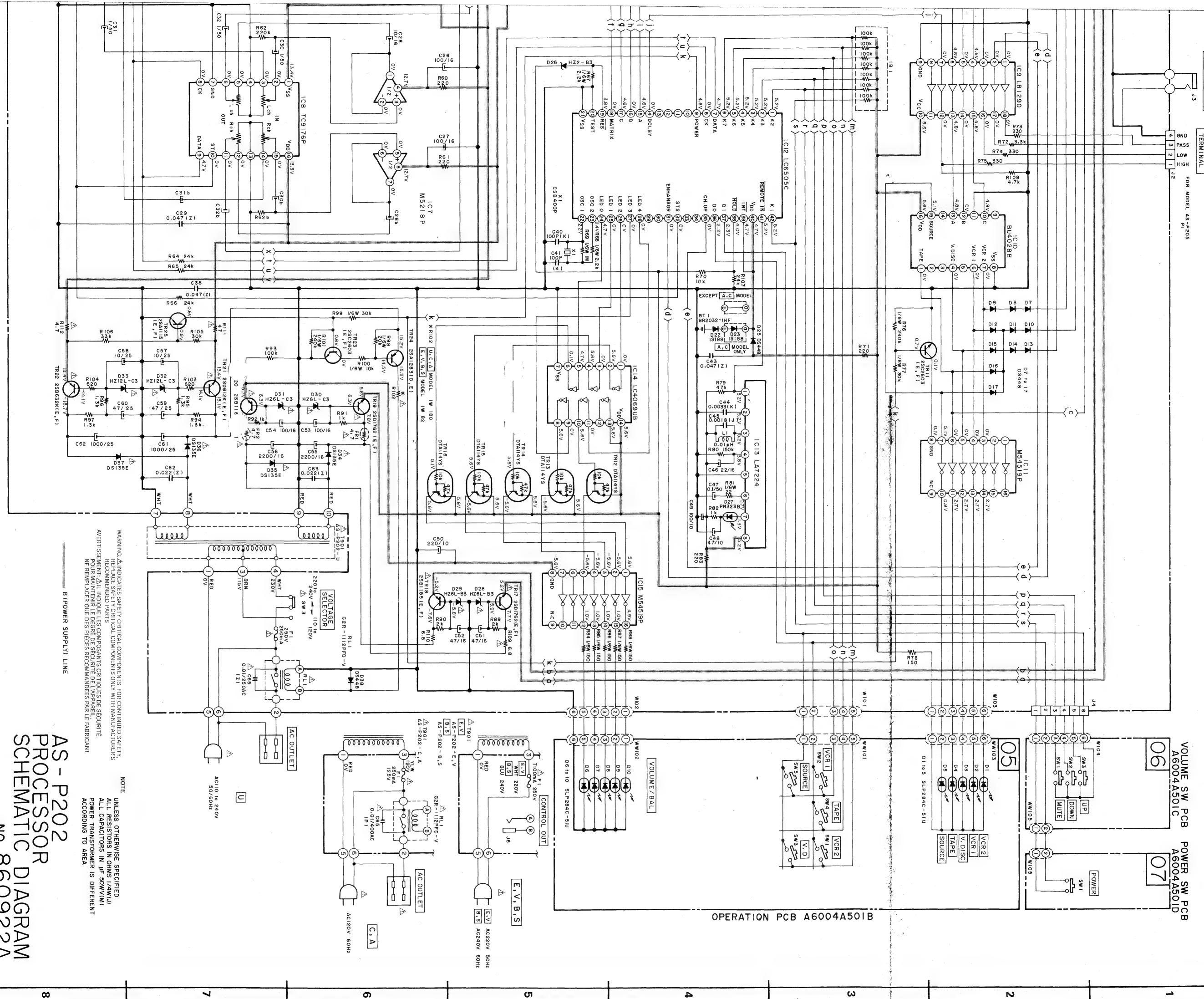
TUNER CONTROL

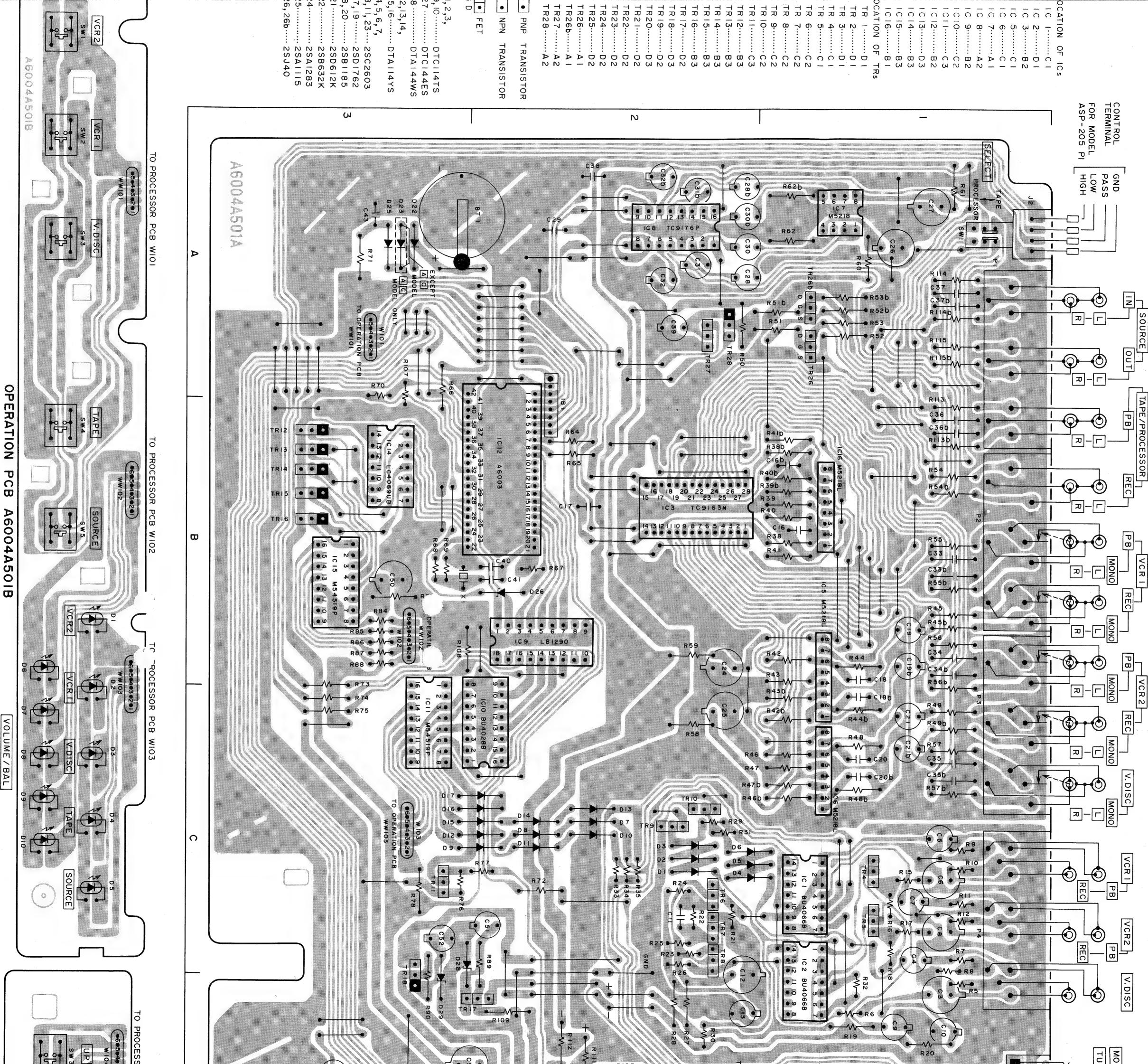
CONTROL TERMINAL FOR MODEL AS-P202

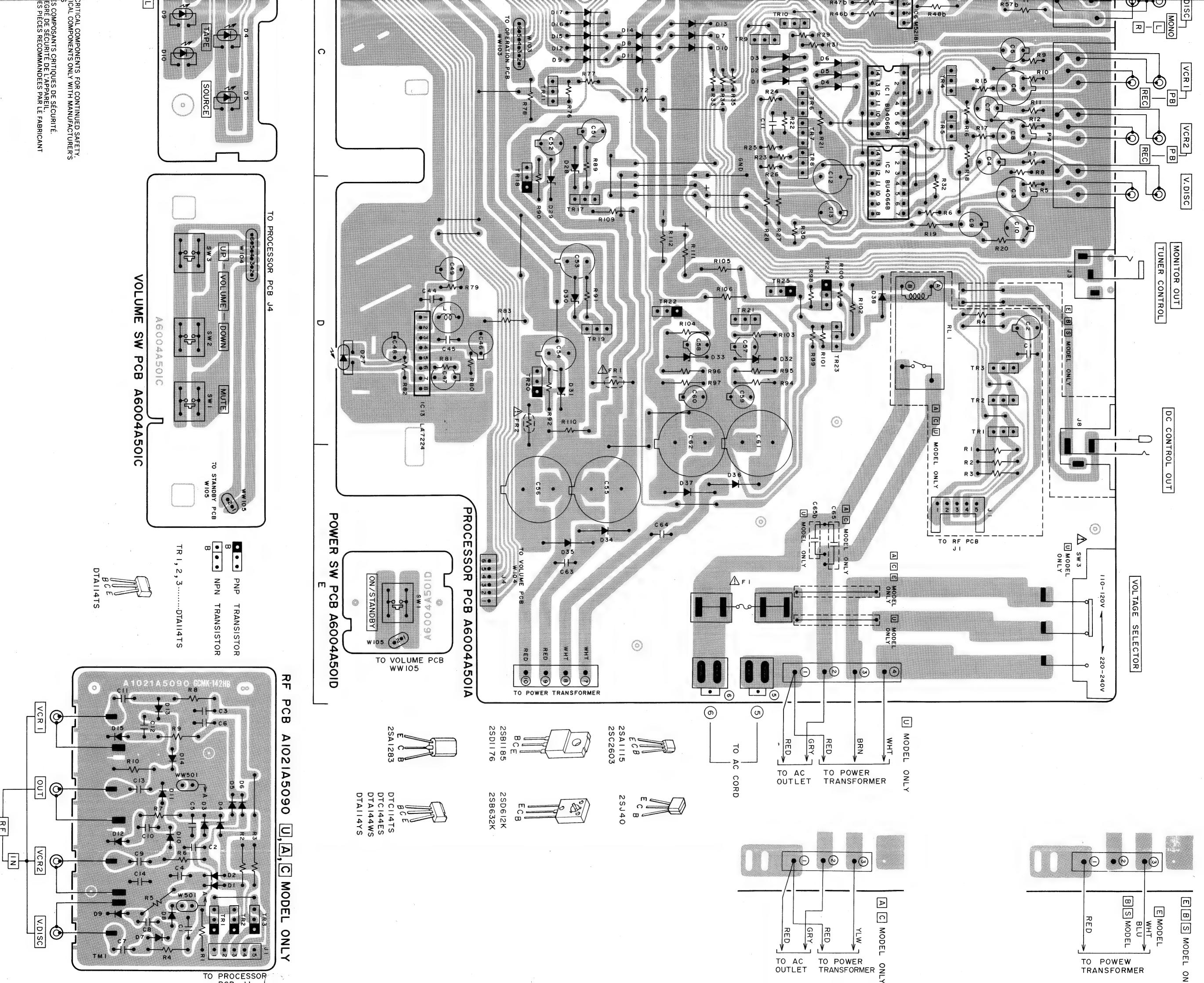


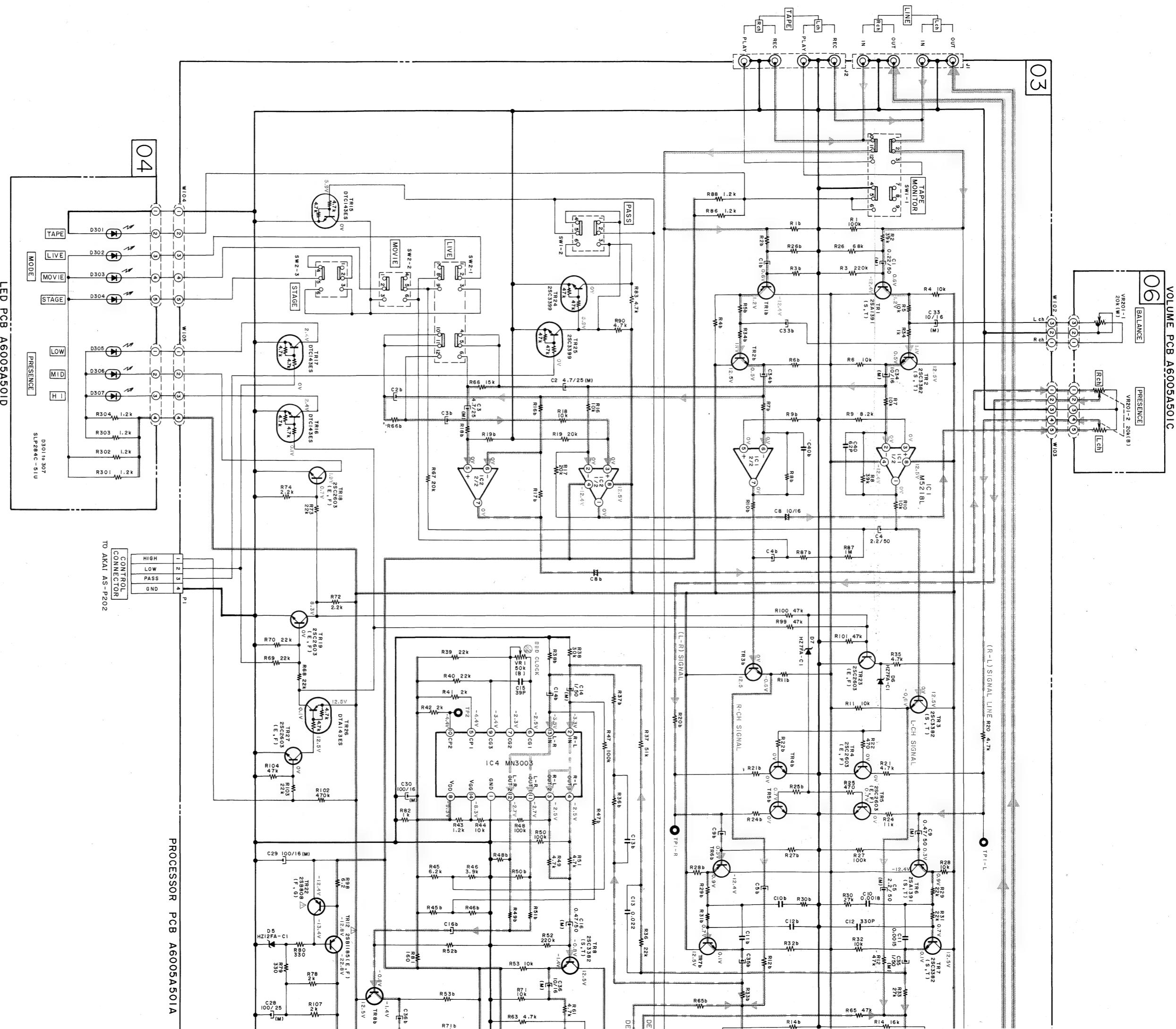
8
7
6
5
4
3
2
1
J3
4 3 2 1 J2
GND PASS LOW HIGH FOR MODEL AS-P202

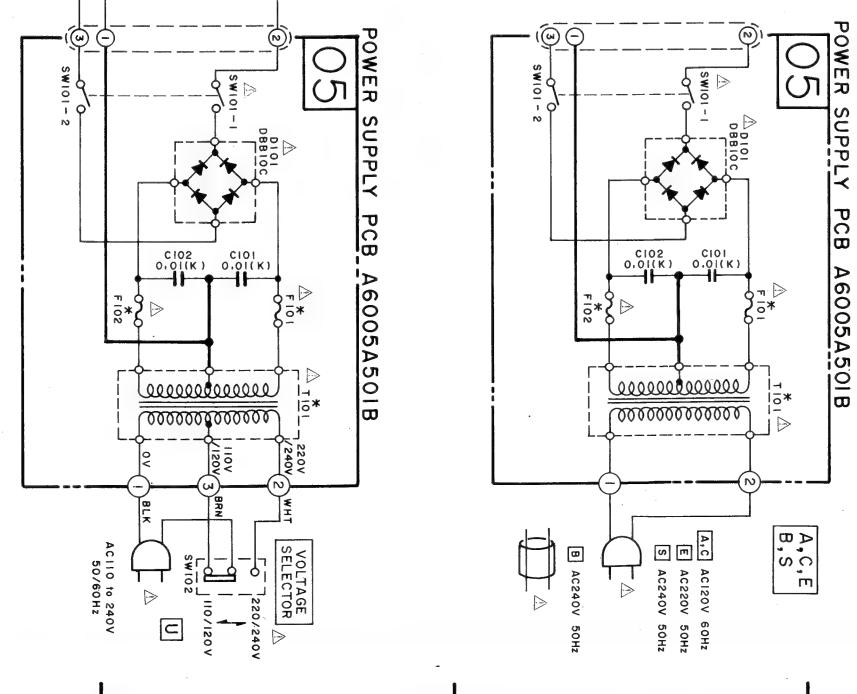
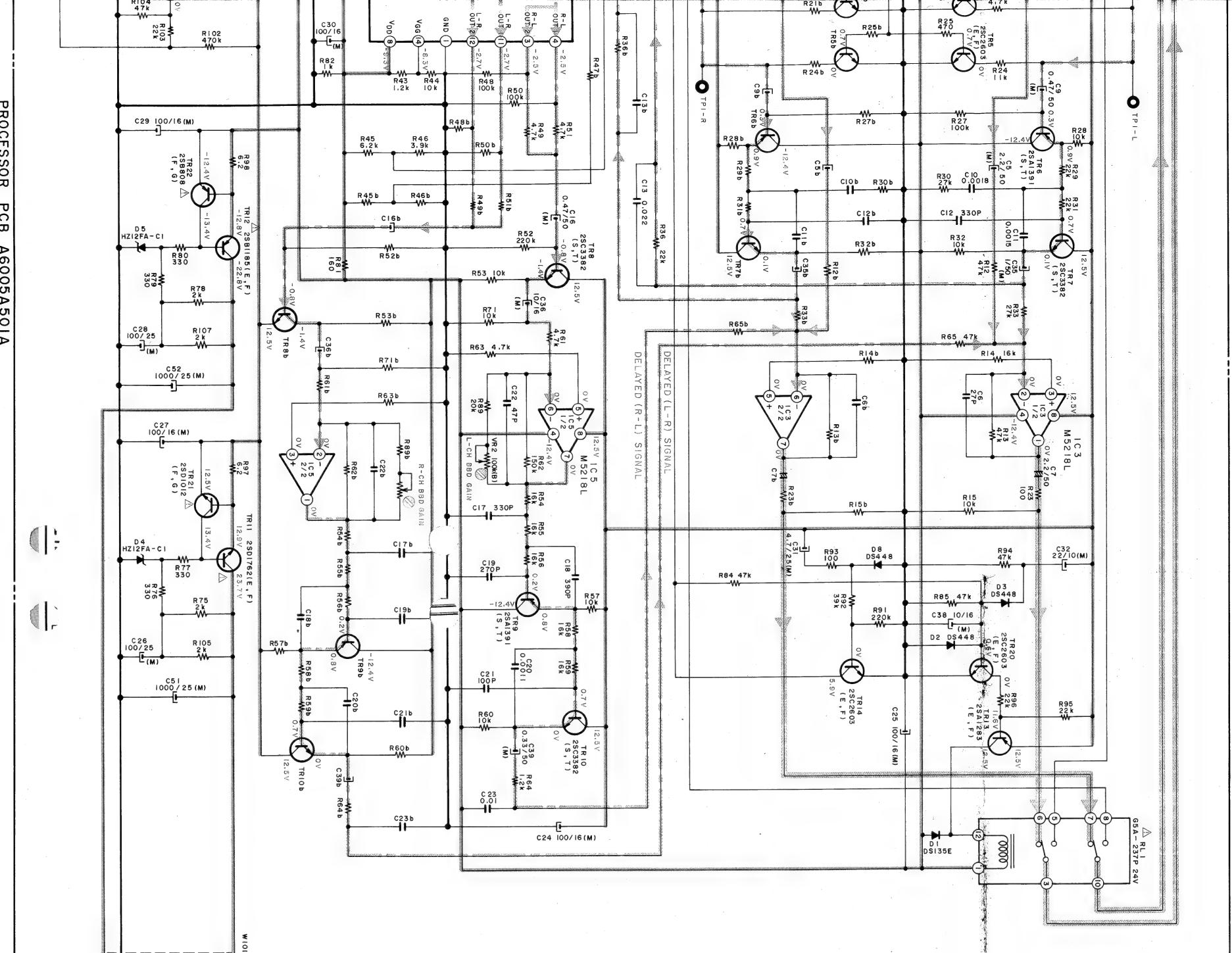
AS-P202 PROCESSOR SCHEMATIC DIAGRAM No. 860922A









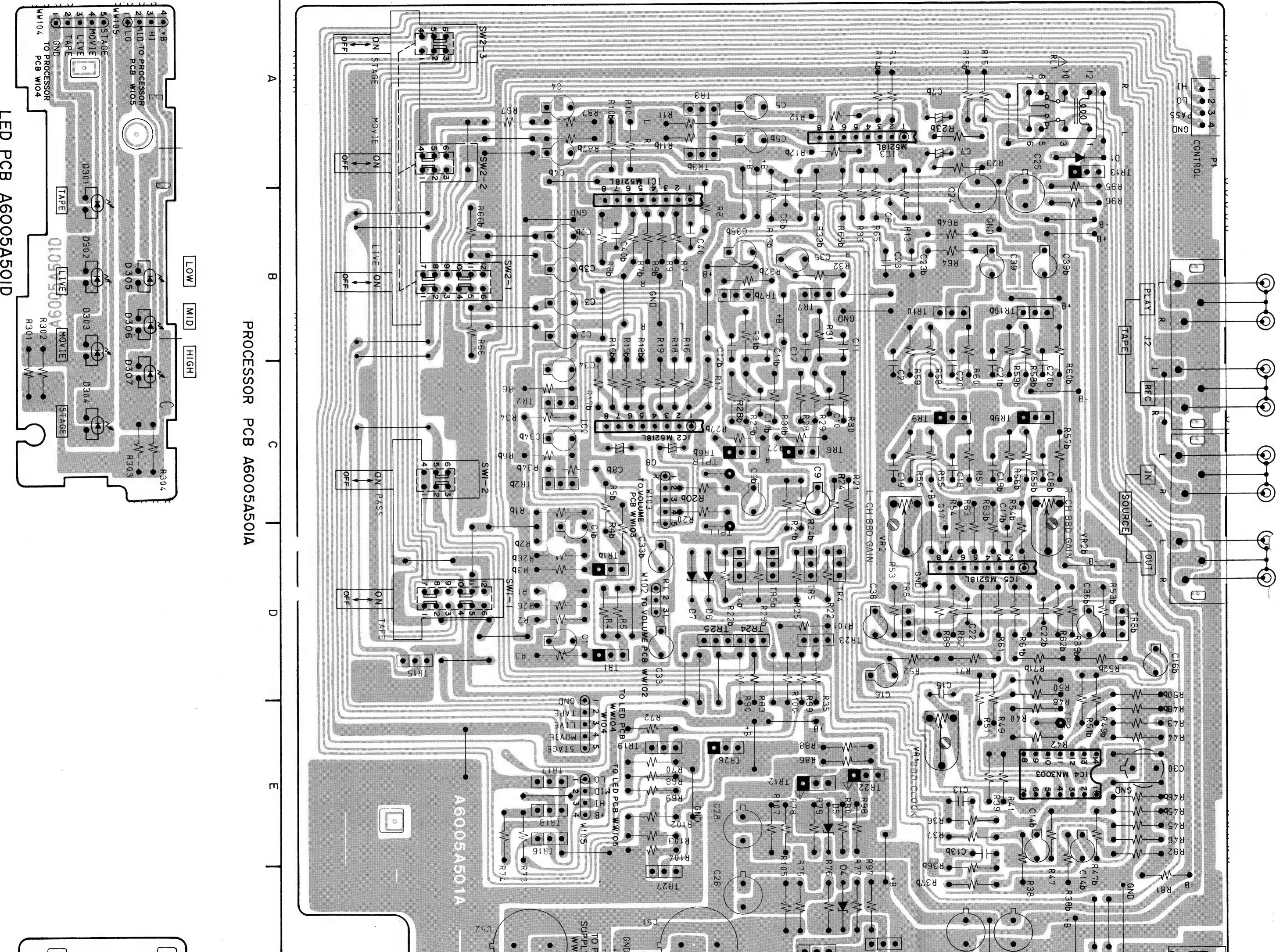


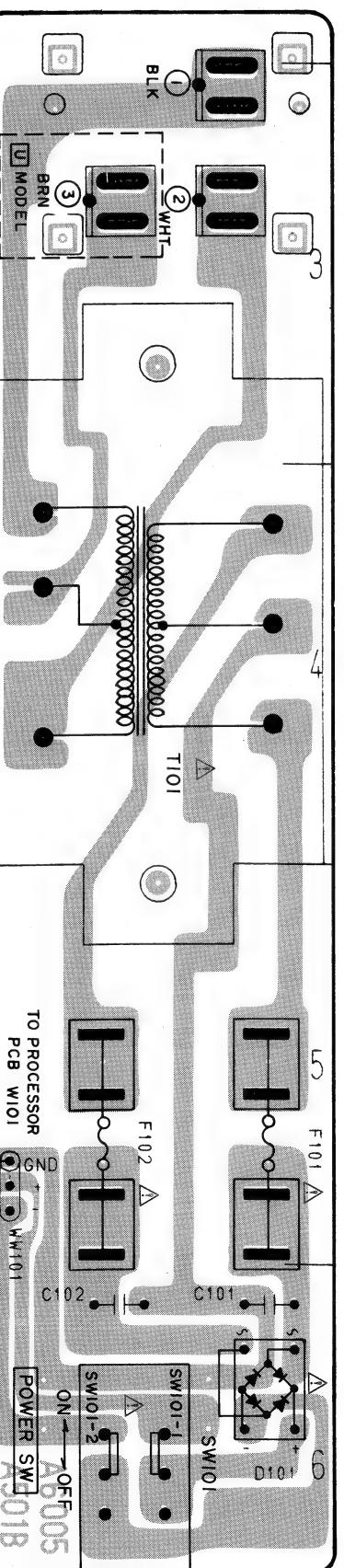
WARNING: **✓** INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPAIR, SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: **✓** INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR LA MISE EN ŒUVRE DE LA RÉPARATION, UTILISER SEULEMENT LES PIÈCES RECOMMANDÉES PAR LE FABRICANT. NE PAS remplacer QUE LES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

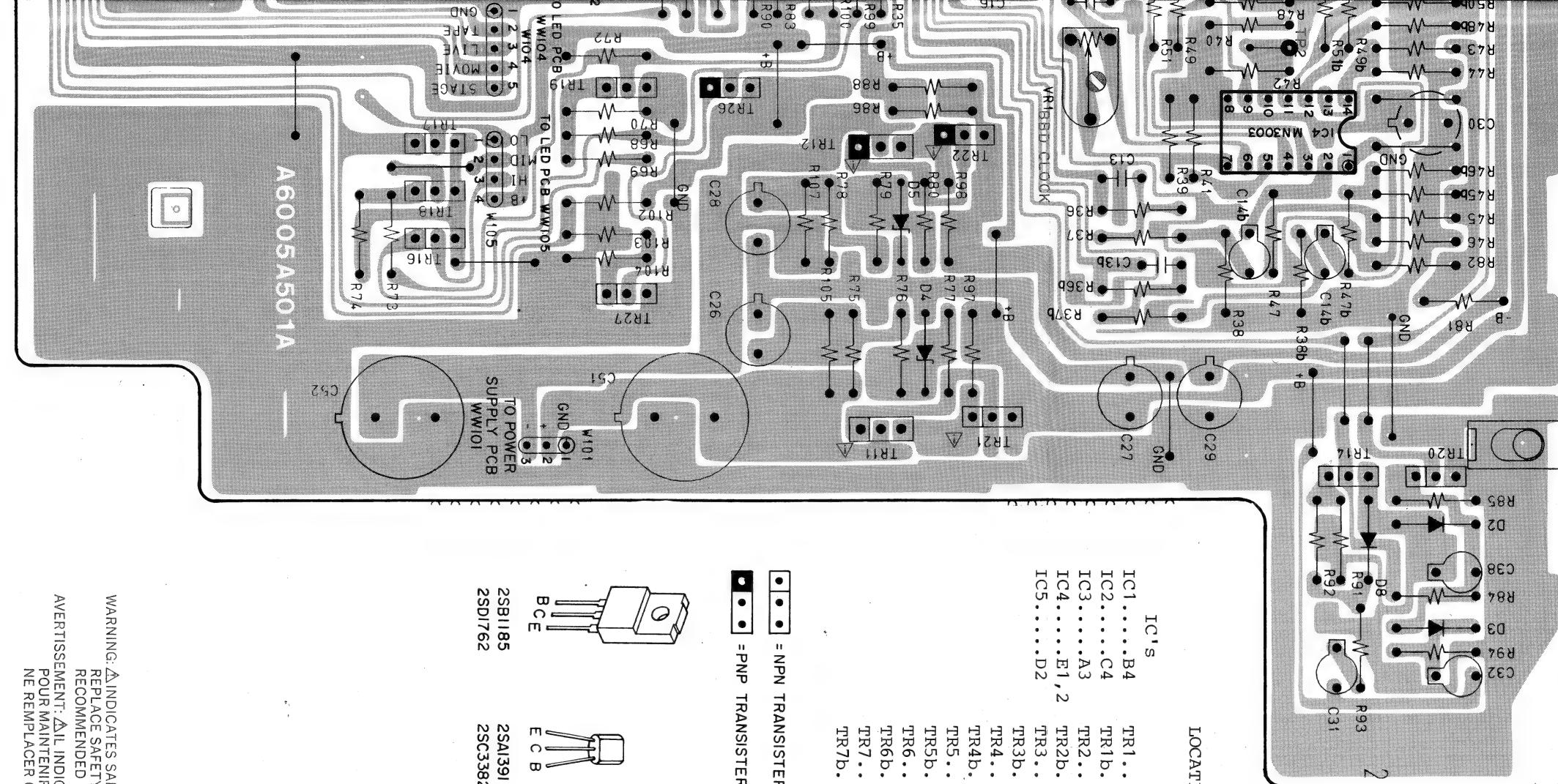
NOTE UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W (J)
ALL CAPACITORS IN μ F 50VW (J)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

AS-P205
PROCESSOR
SCHEMATIC DIAGRAM
No. 860923A





E F

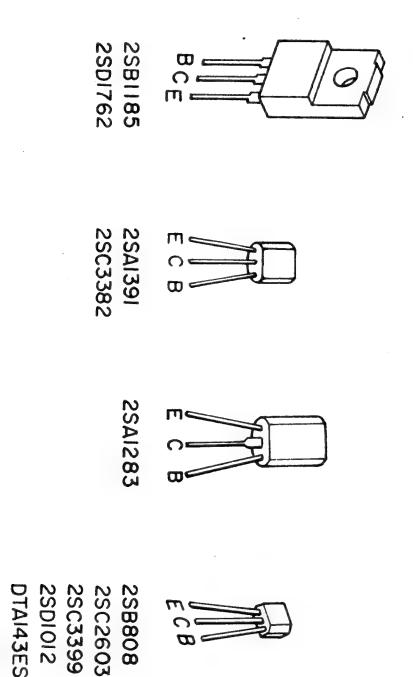


VOLUME PCB A6005A501C

LOCATION OF COMPONENT'S

| IC'S | TRANSISTOR'S |
|--------------|---------------|
| IC1.....B4 | TR1.....D4 |
| IC2.....C4 | TR8.....D2 |
| IC3.....A3 | TR1b.....D4 |
| IC4.....E1,2 | TR2.....C5 |
| IC5.....D2 | TR2b.....C5 |
| | TR2b.....C5 |
| | TR3.....B2 |
| | TR3.....A4 |
| | TR10.....B2 |
| | TR1b.....D2 |
| | TR21.....A4 |
| | TR22.....E3 |
| | TR23.....D3 |
| | TR3b.....A4 |
| | TR10b.....B2 |
| | TR4.....D3 |
| | TR11.....F3 |
| | TR24.....D3,4 |
| | TR4b.....D4 |
| | TR12.....E3 |
| | TR25.....D4 |
| | TR4.....D4 |
| | TR13.....A1 |
| | TR26.....E4 |
| | TR5.....D3 |
| | TR14.....F1 |
| | TR6.....C3 |
| | TR15.....D6 |
| | TR6b.....C4 |
| | TR16.....E5 |
| | TR7.....B3 |
| | TR17.....E5 |
| | TR7b.....B4 |
| | TR18.....E4 |

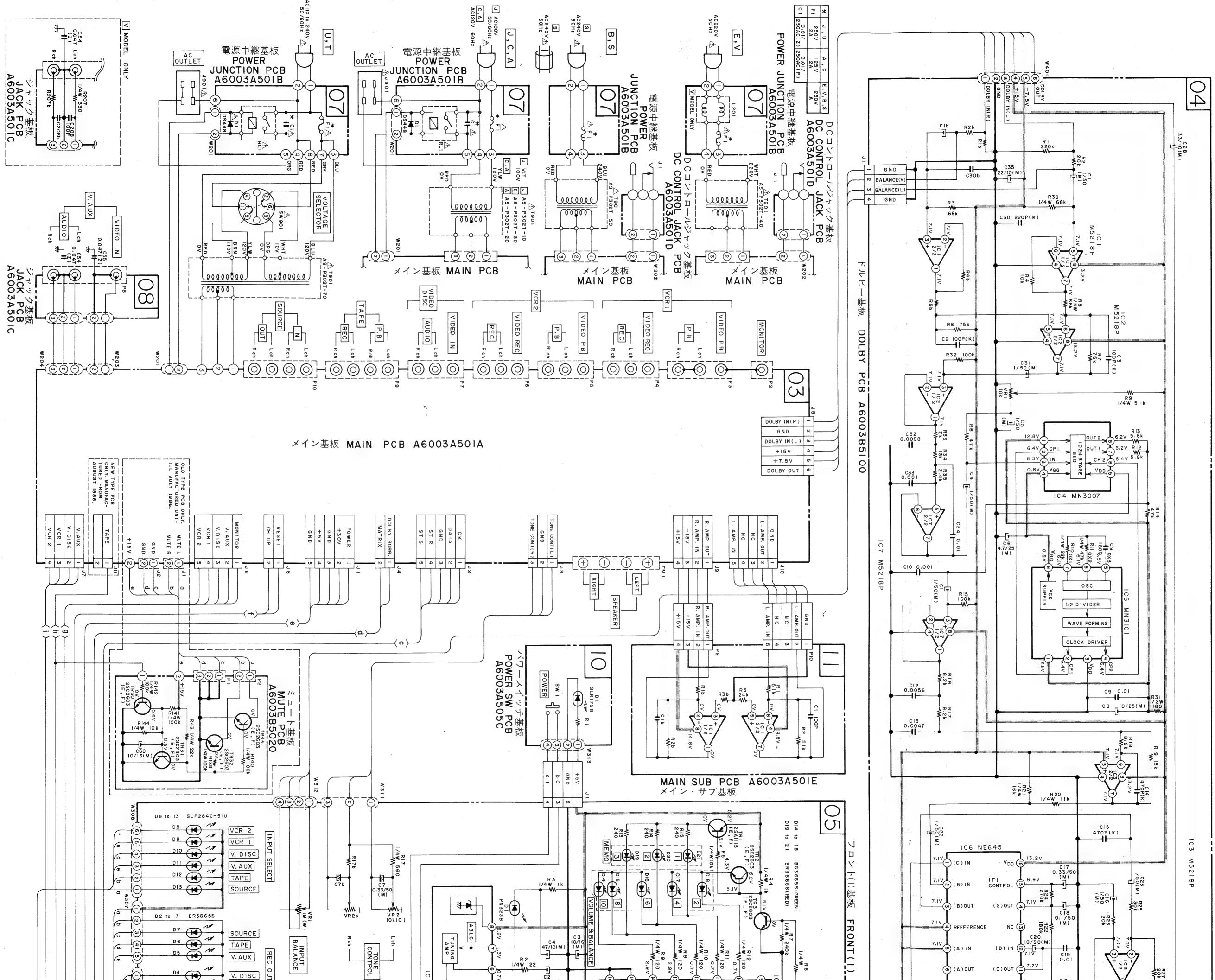
■ = NPN TRANSISTER
■ = PNP TRANSISTER



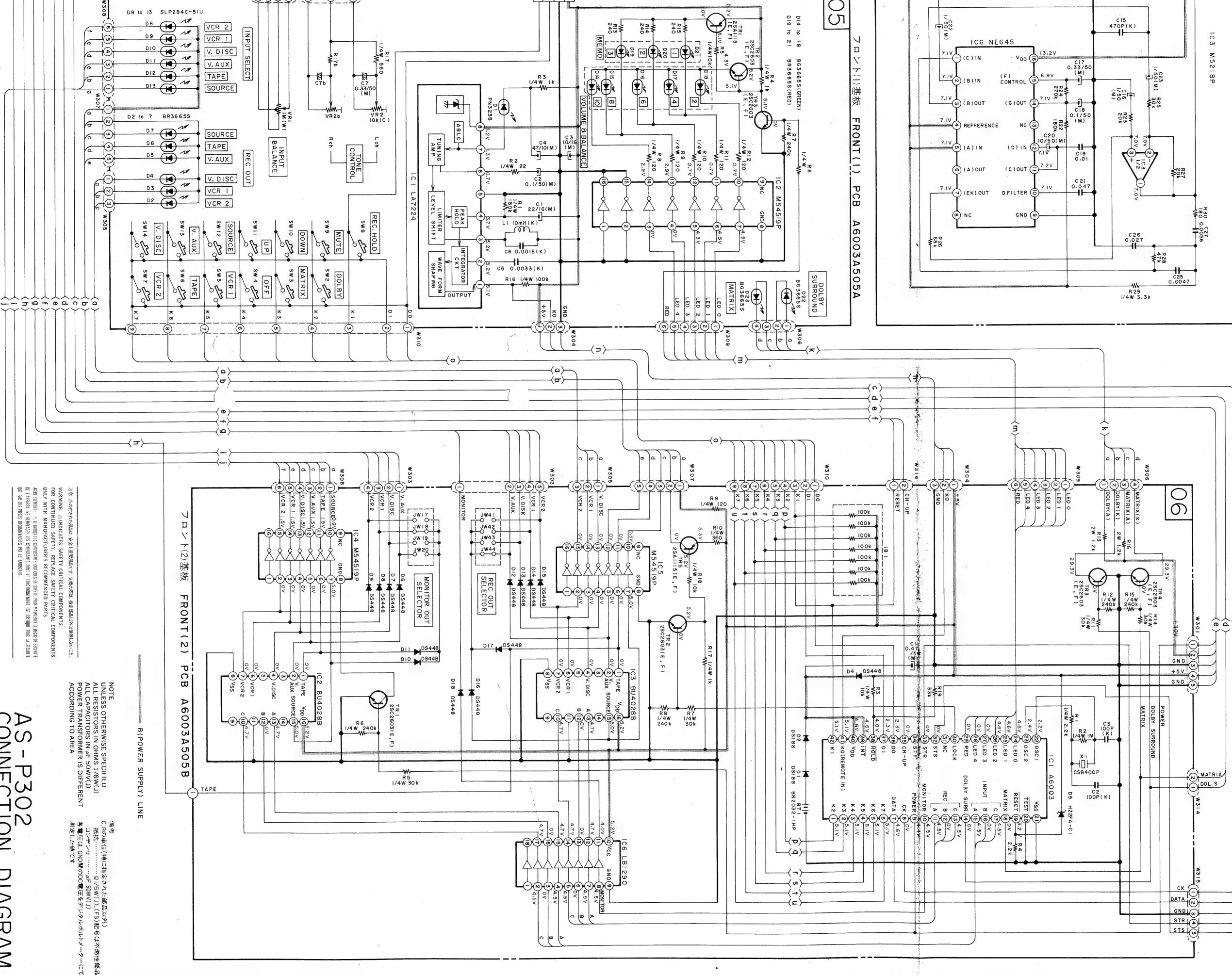
WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS

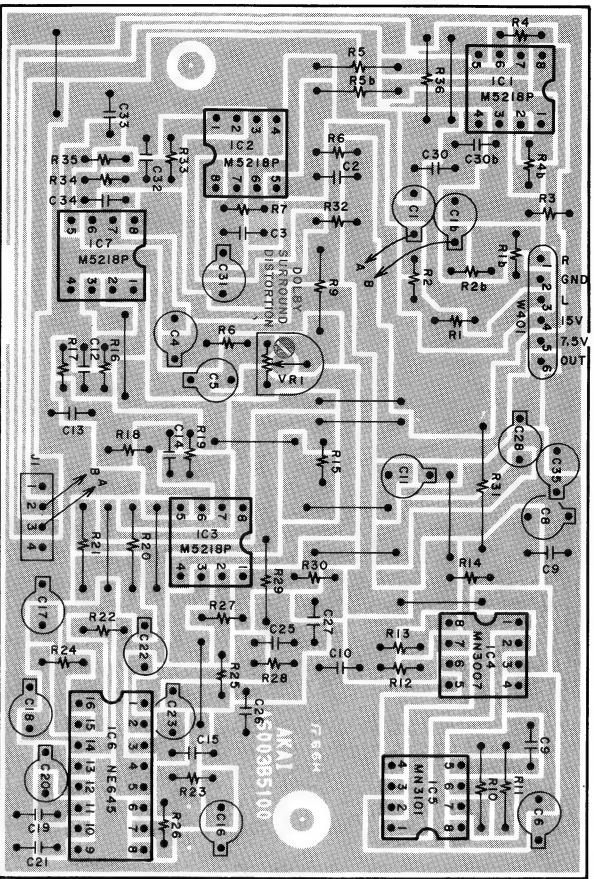
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

POWER SUPPLY PCB A6005A501B

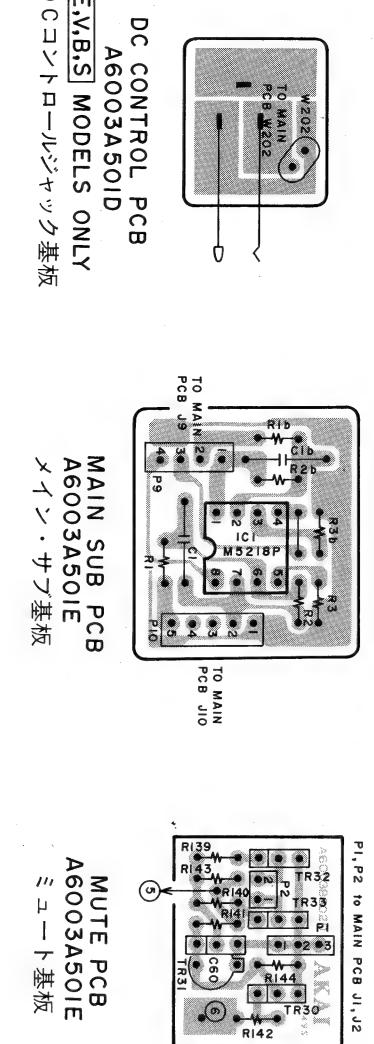


AS-P302 CONNECTION DIAGRAM NO.2-1 860919A

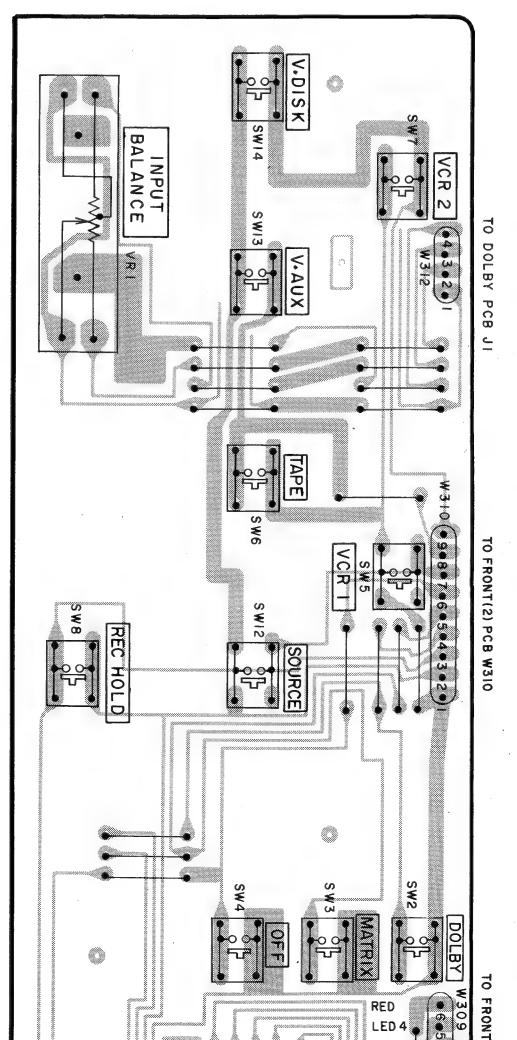




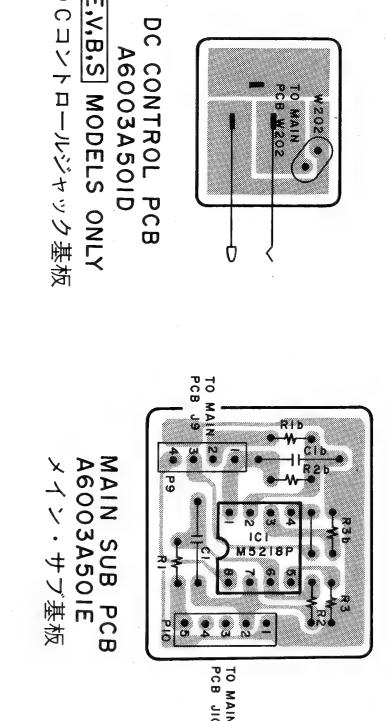
DOLBY PCB A6003B5100
ドルビー基板



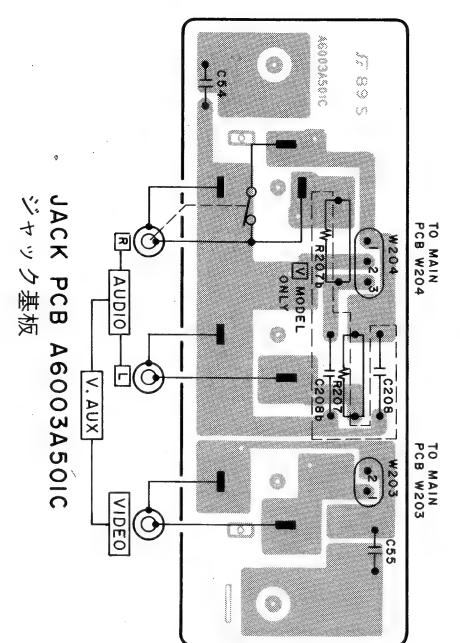
DC CONTROL PCB
A6003A501D
[E,V,B,S] MODELS ONLY
DCコントロールジャック基板



FRONT(2) PCB A6003A505B
フロント(2)基板

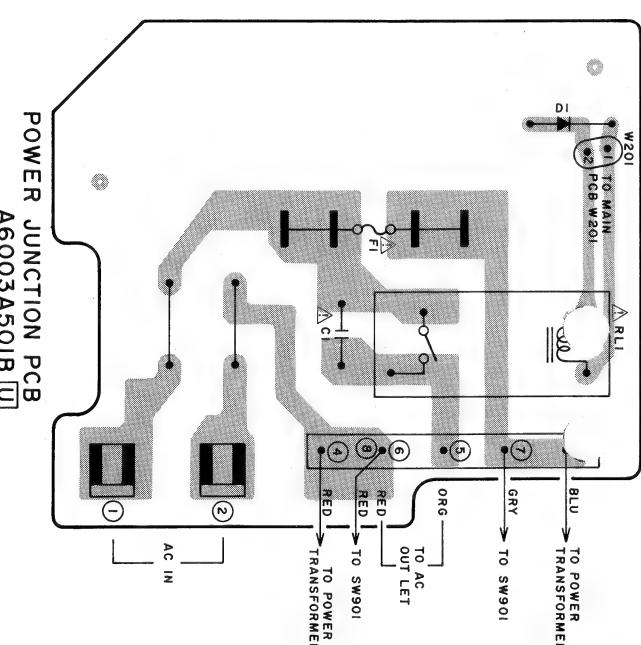


MUTE PCB
A6003A501E
ミュート基板



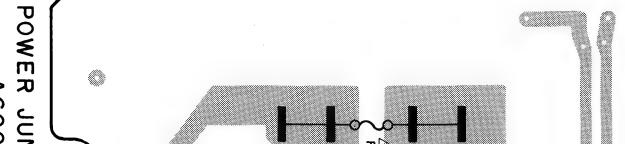
JACK PCB A6003A501C
ジャック基板

注意: △の付された部品は、安全上重要部品です。交換の際は、指定部品以外は使用しないこと。
WARNING: △ INDICATES SAFETY CRITICAL COMPONENTS.
FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS
ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
AVERTISSEMENT: △. IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ
DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE Fonctionnement EST CRITIQUE POUR LA SÉCURITÉ
QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

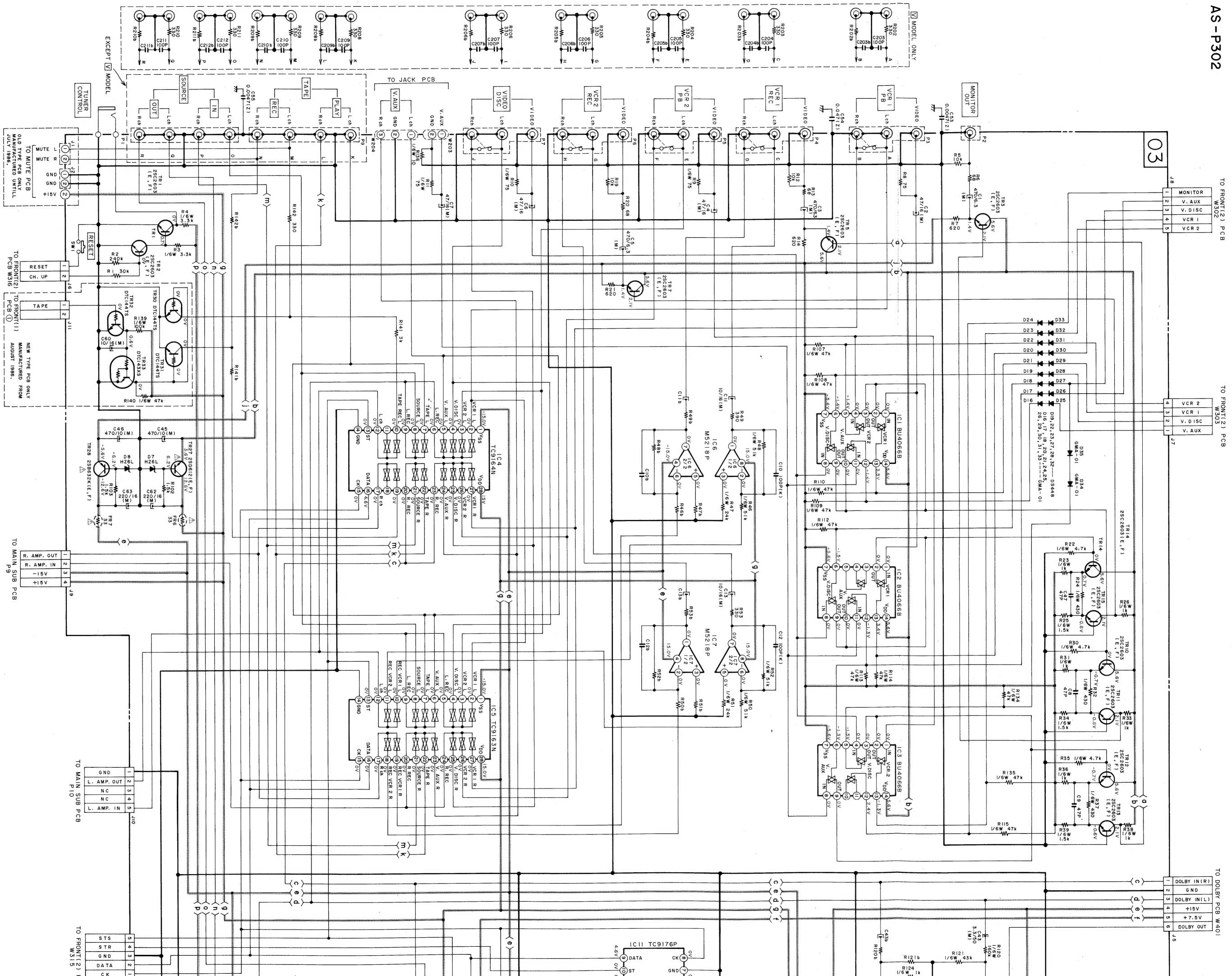


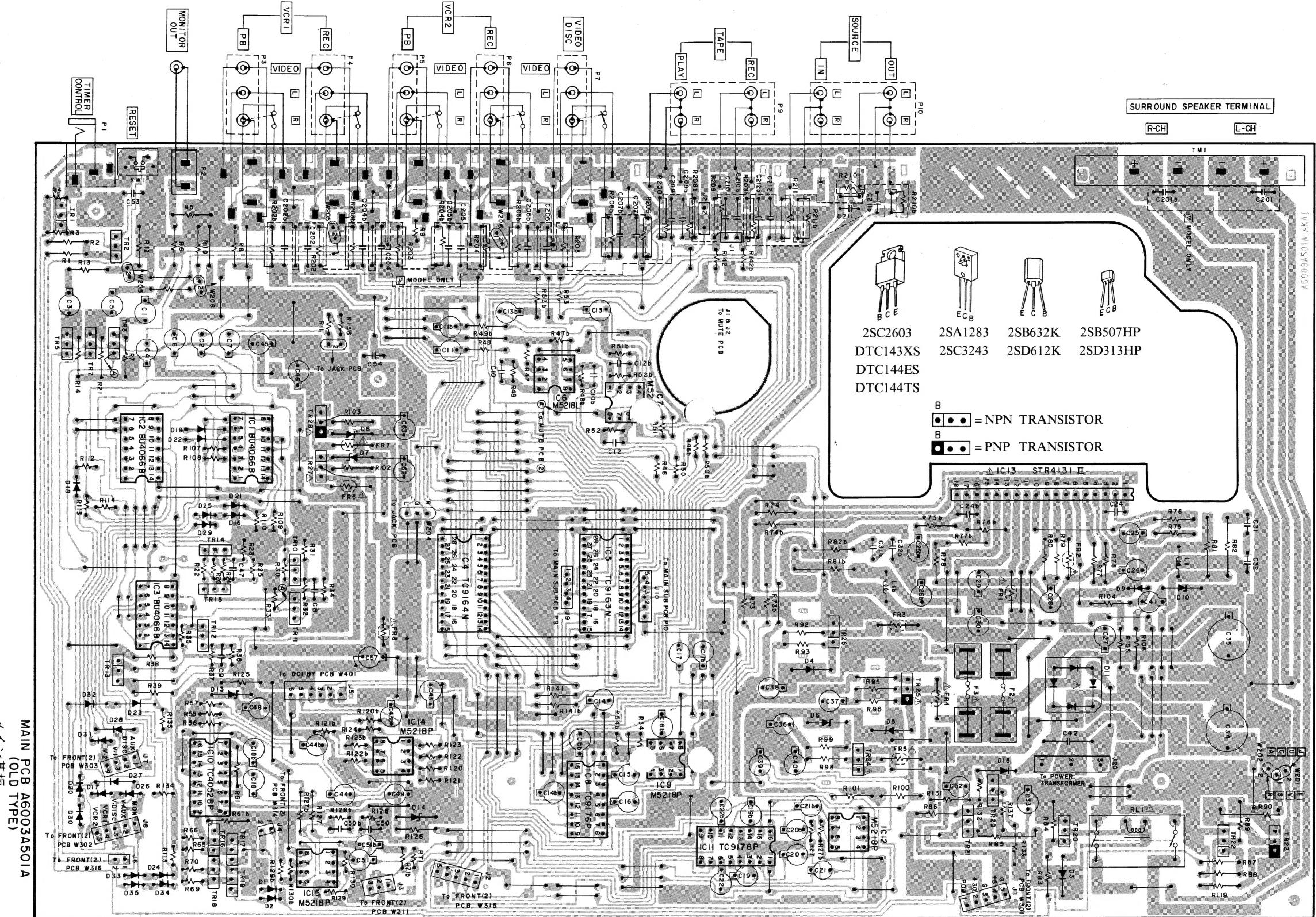
POWER JUNCTION PCB
A6003A501B (U)

電源中継基板



POWER JUNCTION PCB
A6003A501B (U)





MAIN PCB A6003A501A
(OLD TYPE)
メイン基板

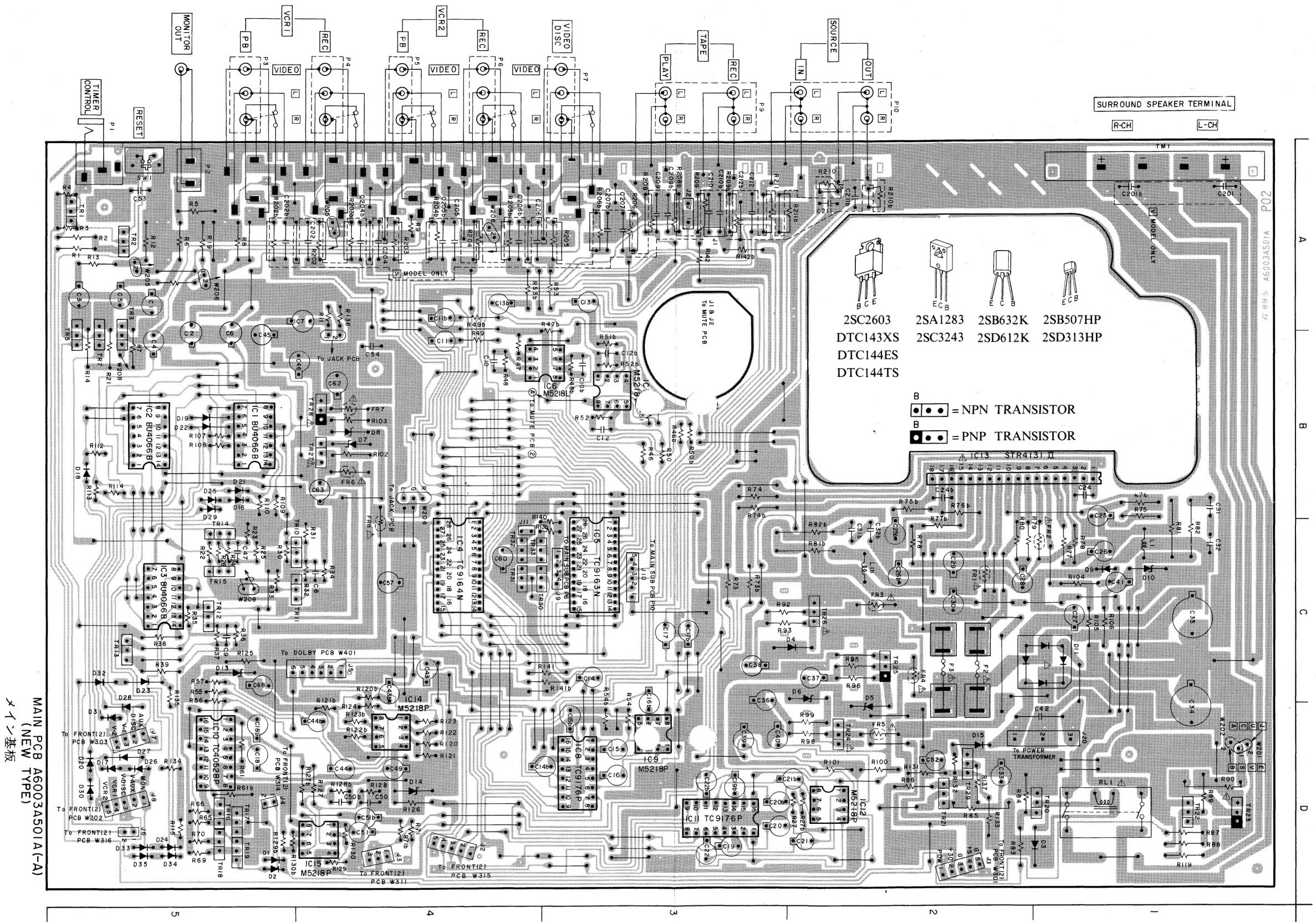
LOCATION OF COMPONENTS

| IC'S | CONNECTOR'S | TRANSISTOR'S |
|---------------|--------------|---------------------------|
| IC 1.....B5 | J 1.....D2 | TR 1.....A5 TR20.....D1 |
| IC 2.....B5 | J 2.....D4 | TR 2.....A5 TR21.....D2 |
| IC 3.....C5 | J 3.....D4 | TR 3.....A,B5 TR22.....D1 |
| IC 4.....C4 | J 4.....D5 | TR 5.....A,B5 TR23.....D1 |
| IC 5.....C3 | J 5.....C4,5 | TR 7.....A,B5 TR24.....D2 |
| IC 6.....B3,4 | J 6.....D5 | TR10.....C4 TR25.....C2 |
| IC 7.....B3 | J 7.....D5 | TR11.....C4 TR26.....C2 |
| IC 8.....D3 | J 8.....D5 | TR12.....C5 TR27.....B4 |
| IC 9.....C3 | J 9.....C3 | TR13.....C5 TR28.....B4 |
| IC10.....D5 | J10.....C3 | TR14.....C5 TR29.....D2 |
| IC11.....D3 | J11.....C4 | TR15.....C5 TR30.....C4 |
| IC12.....D2 | | TR16.....D5 TR31.....C4 |
| IC13.....B1,2 | | TR17.....D5 TR32.....C4 |
| IC14.....D4 | | TR18.....D5 TR33.....C4 |
| IC15.....D4 | | TR19.....D5 |

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FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS
ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: △ IL INDIQUE LES COMPOSANTS CRITIQUES DE SURETE. POUR MAINTENIR LE DEGRE DE SECURITE
DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE
QUE PAR DES PIECES RECOMMANDÉES PAR LE FABRICANT.



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QUE PAR DES PIECES RECOMMANDÉES PAR LE FABRICANT.**